**3GPP TSG- Meeting # R4-2207668**

**meeting, 9th – 20th May 2022**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** | **0706** | **rev** | **1** | **Current version:** |  |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME | **x** | Radio Access Network |  | Core Network |  |

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|  | | | | | | | | | | |
| ***Title:*** | CR 38.101-3: Rel-17 Adding missing FR1+FR2 CA fallback combinations | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Apple | | | | | | | | | |
| ***Source to TSG:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | TEI17 | | | | |  | ***Date:*** | | | 2022-04-25 |
|  |  | | | |  | |  | | |  |
| ***Category:*** |  |  | | | | | ***Release:*** | | | Rel-17 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Adding missing FR1+FR2 CA fallback combinations and bug corrections | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | 1. Adding missing Fallback combinations 2. Correcting some notation bugs   There is a large number of fallbacks missing across all 36.101 and 38.101 specs, which have been overlooked in the basket WI process but are mandatory fallbacks of already specified band combinations. Additionally there are some bugs in the band combination tables, that are ccorrected   1. Fallbacks of CA\_n66A-n77(2A)-n260M will be introduced in another CR by Huawei adding BCS1 to avoid overlap of CRs. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Fallback combinations canot be supported as they are missing | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.5A.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **X** |  | Test specifications | | | | TS 38.521-1 | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

<<< Start of changed sections >>>

## 5.5 Configuration

## 5.5A Configuration for CA

#### 5.5A.1 Inter-band CA configurations between FR1 and FR2

The configurations for operating bands for CA including Band n41 also apply for the corresponding operating bands for CA with Band n90 replacing Band n41 but with otherwise identical parameters. For brevity the said configuration for operating bands for CA with Band n90 are not listed in the tables below but are covered by this specification.

The configuration tables for CA describe Bandwidth Combination Sets. Bandwidth Combination Set 4 and 5 contains all possible defined channel bandwidths for each FR1 band in the combination. The fact that BCS4 and BCS5 contains all channel bandwidths for each FR1 band does not alter if a bandwidth is mandatory or optional for a given band. Bandwidths that are identified as optional in Table 5.3.5-1 of TS 38.101-1 [2] for a given release are still optional for UEs that support BCS4 or BCS5, where the bandwidths the UE supports for each band, the maximum bandwidth and/or minimum bandwidth for the band in the band combination are indicated in the UE capabilities. Note that the minimum bandwidth is indicated only in BCS5. For inter-band CA combinations including intra-band CA and with BCS4 or BCS5, the Bandwidth Combination Sets for the FR1 intra-band CA are BCS4 or BCS5 and the Bandwidth Combination Sets for the FR2 intra-band CA are BCS0.

Table 5.5A.1-1a: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n1A-n257A | CA\_n1A-n257A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n257D | CA\_n257D  CA\_n1A-n257A  CA\_n1A-n257D | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n1A-n257E | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n1A-n257F | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n1A-n257G | CA\_n257G  CA\_n1A-n257A  CA\_n1A-n257G | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n257H | CA\_n257G  CA\_n257H  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n257J | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n1A-n257J | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n1A-n257K | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n257K  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n1A-n257J  CA\_n1A-n257K | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n1A-n257L | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n257K  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n1A-n257J  CA\_n1A-n257K | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n1A-n257M | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n257K  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n1A-n257J  CA\_n1A-n257K | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n1A-n258A | CA\_n1A-n258A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n1A-n258B | CA\_n1A-n258A | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258B |  |
| CA\_n1A-n258C | CA\_n1A-n258A | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258C |  |
| CA\_n1A-n258D | CA\_n1A-n258A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258D |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | CA\_n258D |  |
| CA\_n1A-n258E | CA\_n1A-n258A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258E |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | CA\_n258E |  |
| CA\_n1A-n258F | CA\_n1A-n258A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258F |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | CA\_n258F |  |
| CA\_n1A-n258G | CA\_n1A-n258A  CA\_n1A-n258G | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258G |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | CA\_n258G |  |
| CA\_n1A-n258H | CA\_n1A-n258A  CA\_n1A-n258G  CA\_n1A-n258H | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258H |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | CA\_n258H |  |
| CA\_n1A-n258I | CA\_n1A-n258A  CA\_n1A-n258GCA\_n1A-n258H CA\_n1A-n258I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258I |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | CA\_n258I |  |
| CA\_n1A-n258J | CA\_n1A-n258A  CA\_n1A-n258G CA\_n1A-n258H CA\_n1A-n258I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258J |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | CA\_n258J |  |
| CA\_n1A-n258K | CA\_n1A-n258A  CA\_n1A-n258G CA\_n1A-n258H CA\_n1A-n258I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258K |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | CA\_n258K |  |
| CA\_n1A-n258L | CA\_n1A-n258A  CA\_n1A-n258G CA\_n1A-n258H CA\_n1A-n258I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258L |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | CA\_n258L |  |
| CA\_n1A-n258M | CA\_n1A-n258A  CA\_n1A-n258G CA\_n1A-n258H CA\_n1A-n258I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258M |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | CA\_n258M |  |

Table 5.5A.1-1b: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n2A-n260A | CA\_n2A-n260A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n2A-n260G | CA\_n2A-n260A  CA\_n2A-n260G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n2A-n260H | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n2A-n260I | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n2A-n260J | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260J | n2 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n2A-n260K | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260J  CA\_n2A-n260K | n2 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n2A-n260L | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260J  CA\_n2A-n260K  CA\_n2A-n260L | n2 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n2A-n260M | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260J  CA\_n2A-n260K  CA\_n2A-n260L  CA\_n2A-n260M | n2 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n2(2A)-n260A | CA\_n2A-n260A | n2 | CA\_n2(2A) | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n2(2A)-n260G | CA\_n2A-n260A  CA\_n2A-n260G | n2 | CA\_n2(2A) | 0 |
|  | n260 | CA\_n260G |  |
| CA\_n2(2A)-n260H | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H | n2 | CA\_n2(2A) | 0 |
|  | n260 | CA\_n260H |  |
| CA\_n2(2A)-n260I | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I | n2 | CA\_n2(2A) | 0 |
|  | n260 | CA\_n260I |  |
| CA\_n2(2A)-n260J | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260J | n2 | CA\_n2(2A) | 0 |
|  | n260 | CA\_n260J |  |
| CA\_n2(2A)-n260K | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260J  CA\_n2A-n260K | n2 | CA\_n2(2A) | 0 |
|  | n260 | CA\_n260K |  |
| CA\_n2(2A)-n260L | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260J  CA\_n2A-n260K  CA\_n2A-n260L | n2 | CA\_n2(2A) | 0 |
|  | n260 | CA\_n260L |  |
| CA\_n2(2A)-n260M | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260J  CA\_n2A-n260K  CA\_n2A-n260L  CA\_n2A-n260M | n2 | CA\_n2(2A) | 0 |
|  | n260 | CA\_n260M |  |
| CA\_n2A-n261A | CA\_n2A-n261A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n2A-n261G | CA\_n2A-n261A  CA\_n2A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261G |  |
| CA\_n2A-n261H | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261H |  |
| CA\_n2A-n261I | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261I |  |
| CA\_n2A-n261J | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261J |  |
| CA\_n2A-n261K | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261K |  |
| CA\_n2A-n261L | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261L |  |
| CA\_n2A-n261M | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261M |  |
| CA\_n2A-n261(2A) | CA\_n2A-n261A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2A) |  |
| CA\_n2A-n261(2G) | CA\_n2A-n261A  CA\_n2A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2G) |  |
| CA\_n2A-n261(2H) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2H) |  |
| CA\_n2A-n261(2I) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2I) |  |
| CA\_n2A-n261(3A) | CA\_n2A-n261A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(3A) |  |
| CA\_n2A-n261(4A) | CA\_n2A-n261A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(4A) |  |
| CA\_n2A-n261(A-G) | CA\_n2A-n261A  CA\_n2A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-G) |  |
| CA\_n2A-n261(A-H) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-H) |  |
| CA\_n2A-n261(A-I) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-I) |  |
| CA\_n2A-n261(A-J) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-J) |  |
| CA\_n2A-n261(A-K) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-K) |  |
| CA\_n2A-n261(A-L) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-L) |  |
| CA\_n2A-n261(G-H) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(G-H) |  |
| CA\_n2A-n261(H-I) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(H-I) |  |
| CA\_n2A-n261(G-I) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(G-I) |  |
| CA\_n2A-n261(A-G-H) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-G-H) |  |
| CA\_n2A-n261(A-G-I) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-G-I) |  |
| CA\_n2A-n261(2A-H) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2A-H) |  |
| CA\_n2A-n261(2A-G) | CA\_n2A-n261A  CA\_n2A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2A-G) |  |
| CA\_n2A-n261(2A-I) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2A-I) |  |
| CA\_n2A-n261(A-2G) | CA\_n2A-n261A  CA\_n2A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-2G) |  |

Table 5.5A.1-1c: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n3A-n257A | CA\_n3A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n257D | CA\_n3A-n257A  CA\_n3A-n257D | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n3A-n257G | CA\_n3A-n257A  CA\_n3A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n257H | CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n257I | CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n257J | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n3A-n257K | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n3A-n257L | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n3A-n257M | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n3A-n258A | CA\_n3A-n258A | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n3A-n258B | CA\_n3A-n258A  CA\_n3A-n258B | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258B |  |
| CA\_n3A-n258C | CA\_n3A-n258A  CA\_n3A-n258B  CA\_n3A-n258C | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258C |  |
| CA\_n3A-n258D | CA\_n3A-n258A  CA\_n3A-n258D | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258D |  |
| CA\_n3A-n258E | CA\_n3A-n258A  CA\_n3A-n258D  CA\_n3A-n258E | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258E |  |
| CA\_n3A-n258F | CA\_n3A-n258A  CA\_n3A-n258D  CA\_n3A-n258E  CA\_n3A-n258F | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258F |  |
| CA\_n3A-n258G | CA\_n3A-n258A  CA\_n3A-n258G | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n3A-n258H | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n3A-n258I | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258I |  |
| CA\_n3A-n258J | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258J |  |
| CA\_n3A-n258K | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258K |  |
| CA\_n3A-n258L | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258L |  |
| CA\_n3A-n258M | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258M |  |

Table 5.5A.1-1d: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n5A-n260A | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n5A-n260(2A) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(2A) |  |
| CA\_n5A-n260(3A) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(3A) |  |
| CA\_n5A-n260(4A) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(4A) |  |
| CA\_n5A-n260(5A) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(5A) |  |
| CA\_n5A-n260(6A) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(6A) |  |
| CA\_n5A-n260(7A) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(7A) |  |
| CA\_n5A-n260(8A) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(8A) |  |
| CA\_n5A-n260(2G) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(2G) |  |
| CA\_n5A-n260(2H) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(2H) |  |
| CA\_n5A-n260(A-G) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(A-G) |  |
| CA\_n5A-n260(2A-G) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(2A-G) |  |
| CA\_n5A-n260(A-H) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(A-H) |  |
| CA\_n5A-n260(2A-2G) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(2A-2G) |  |
| CA\_n5A-n260(3A-G) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(3A-G) |  |
| CA\_n5A-n260(A-2G) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(A-2G) |  |
| CA\_n5A-n260(G-H) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(G-H) |  |
| CA\_n5A-n260G | CA\_n5A-n260A  CA\_n5A-n260G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n5A-n260H | CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n5A-n260I | CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n5A-n260J | CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n5A-n260J | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n5A-n260K | CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n5A-n260J  CA\_n5A-n260K | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n5A-n260L | CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n5A-n260J  CA\_n5A-n260K  CA\_n5A-n260L | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n5A-n260M | CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n5A-n260J  CA\_n5A-n260K  CA\_n5A-n260L  CA\_n5A-n260M | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n5A-n261A | CA\_n5A-n261A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n5A-n261(2A) | CA\_n5A-n261A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2A) |  |
| CA\_n5A-n261(3A) | CA\_n5A-n261A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(3A) |  |
| CA\_n5A-n261(4A) | CA\_n5A-n261A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(4A) |  |
| CA\_n5A-n261G | CA\_n5A-n261A  CA\_n5A-n261G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261G |  |
| CA\_n5A-n261H | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261H |  |
| CA\_n5A-n261I | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261I |  |
| CA\_n5A-n261J | CA\_n5A-n261A  CA\_n5A\_n261G  CA\_n5A\_n261H  CA\_n5A\_n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261J |  |
| CA\_n5A-n261K | CA\_n5A-n261A  CA\_n5A\_n261G  CA\_n5A\_n261H  CA\_n5A\_n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261K |  |
| CA\_n5A-n261L | CA\_n5A-n261A  CA\_n5A\_n261G  CA\_n5A\_n261H  CA\_n5A\_n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261L |  |
| CA\_n5A-n261M | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261M |  |
| CA\_n5A-n261O | CA\_n5A-n261A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261O |  |
| CA\_n5A-n261P | CA\_n5A-n261A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261P |  |
| CA\_n5A-n261Q | CA\_n5A-n261A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261Q |  |
| CA\_n5A-n261(2G) | CA\_n5A-n261A  CA\_n5A-n261G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2G) |  |
| CA\_n5A-n261(2H) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2H) |  |
| CA\_n5A-n261(2I) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2I) |  |
| CA\_n5A-n261(A-G) | CA\_n5A-n261A  CA\_n5A-n261G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-G) |  |
| CA\_n5A-n261(A-H) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-H) |  |
| CA\_n5A-n261(A-I) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-I) |  |
| CA\_n5A-n261(A-J) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-J) |  |
| CA\_n5A-n261(A-K) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-K) |  |
| CA\_n5A-n261(A-L) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-L) |  |
| CA\_n5A-n261(G-H) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(G-H) |  |
| CA\_n5A-n261(G-J) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(G-J) |  |
| CA\_n5A-n261(H-I) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(H-I) |  |
| CA\_n5A-n261(G-I) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(G-I) |  |
| CA\_n5A-n261(A-G-H) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-G-H) |  |
| CA\_n5A-n261(A-G-I) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-G-I) |  |
| CA\_n5A-n261(2A-H) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2A-H) |  |
| CA\_n5A-n261(2A-G) | CA\_n5A-n261A  CA\_n5A-n261G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2A-G) |  |
| CA\_n5A-n261(3A-G) | CA\_n5A-n261A  CA\_n5A-n261G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(3A-G) |  |
| CA\_n5A-n261(2A-I) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2A-I) |  |
| CA\_n5A-n261(A-2G) | CA\_n5A-n261A  CA\_n5A-n261G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-2G) |  |

Table 5.5A.1-1e: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n7A-n258A | CA\_n7A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n7A-n258B | CA\_n7A-n258A  CA\_n7A-n258B | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258B |  |
| CA\_n7A-n258C | CA\_n7A-n258A  CA\_n7A-n258B  CA\_n7A-n258C | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258C |  |
| CA\_n7A-n258D | CA\_n7A-n258A  CA\_n7A-n258D | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258D |  |
| CA\_n7A-n258E | CA\_n7A-n258A  CA\_n7A-n258D  CA\_n7A-n258E | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258E |  |
| CA\_n7A-n258F | CA\_n7A-n258A  CA\_n7A-n258D  CA\_n7A-n258E  CA\_n7A-n258F | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258F |  |
| CA\_n7A-n258G | CA\_n7A-n258A  CA\_n7A-n258G | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n7A-n258H | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n7A-n258I | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258I |  |
| CA\_n7A-n258J | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258J |  |
| CA\_n7A-n258K | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258K |  |
| CA\_n7A-n258L | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258L |  |
| CA\_n7A-n258M | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258M |  |
| CA\_n7B-n258A | CA\_n7A-n258A | n7 | CA\_n7B | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n7B-n258B | CA\_n7A-n258A  CA\_n7A-n258B | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258B |  |
| CA\_n7B-n258C | CA\_n7A-n258A  CA\_n7A-n258B  CA\_n7A-n258C | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258C |  |
| CA\_n7B-n258D | CA\_n7A-n258A  CA\_n7A-n258D | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258D |  |
| CA\_n7B-n258E | CA\_n7A-n258A  CA\_n7A-n258D  CA\_n7A-n258E | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258E |  |
| CA\_n7B-n258F | CA\_n7A-n258A  CA\_n7A-n258D  CA\_n7A-n258E  CA\_n7A-n258F | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258F |  |
| CA\_n7B-n258G | CA\_n7A-n258A  CA\_n7A-n258G | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n7B-n258H | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n7B-n258I | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258I |  |
| CA\_n7B-n258J | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258J |  |
| CA\_n7B-n258K | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258K |  |
| CA\_n7B-n258L | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258L |  |
| CA\_n7B-n258M | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258M |  |
| CA\_n8A-n257A | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n8A-n257D | - | n8 | 5, 10, 15, 20 | 0 |
| n257 | CA\_n257D |
| CA\_n8A-n257E | - | n8 | 5, 10, 15, 20 | 0 |
|  | n257 | CA\_n257E |
| CA\_n8A-n257F | - | n8 | 5, 10, 15, 20 | 0 |
|  | n257 | CA\_n257F |
| CA\_n8A-n257G | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n8A-n257H | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n8A-n257I | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n8A-n257J | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n8A-n257K | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n8A-n257L | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n8A-n257M | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n8A-n258A | CA\_n8A-n258A | n8 | 5, 10, 15, 20 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |

Table 5.5A.1-1f: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n12A-n258A | CA\_n12A-n258A | n12 | 5, 10, 15 | 0 |
| n258 | 50, 100, 200, 400 |  |
| CA\_n12A-n260A | CA\_n12A-n260A | n12 | 5, 10, 15 | 0 |
| n260 | 50, 100, 200, 400 |  |
| CA\_n12A-n260G | CA\_n12A-n260A  CA\_n12A-n260G | n12 | 5, 10, 15 | 0 |
| n260 | CA\_n260G |  |
| CA\_n12A-n260H | CA\_n12A-n260A  CA\_n12A-n260G  CA\_n12A-n260H | n12 | 5, 10, 15 | 0 |
| n260 | CA\_n260H |  |
| CA\_n12A-n260I | CA\_n12A-n260A  CA\_n12A-n260G  CA\_n12A-n260H  CA\_n12A-n260I | n12 | 5, 10, 15 | 0 |
| n260 | CA\_n260I |  |
| CA\_n12A-n260J | CA\_n12A-n260A  CA\_n12A-n260G  CA\_n12A-n260H  CA\_n12A-n260I  CA\_n12A-n260J | n12 | 5, 10, 15 | 0 |
| n260 | CA\_n260J |  |
| CA\_n12A-n260K | CA\_n12A-n260A  CA\_n12A-n260G  CA\_n12A-n260H  CA\_n12A-n260I  CA\_n12A-n260J  CA\_n12A-n260K | n12 | 5, 10, 15 | 0 |
| n260 | CA\_n260K |  |
| CA\_n12A-n260L | CA\_n12A-n260A  CA\_n12A-n260G  CA\_n12A-n260H  CA\_n12A-n260I  CA\_n12A-n260J  CA\_n12A-n260K  CA\_n12A-n260L | n12 | 5, 10, 15 | 0 |
| n260 | CA\_n260L |  |
| CA\_n12A-n260M | CA\_n12A-n260A  CA\_n12A-n260G  CA\_n12A-n260H  CA\_n12A-n260I  CA\_n12A-n260J  CA\_n12A-n260K  CA\_n12A-n260L  CA\_n12A-n260M | n12 | 5, 10, 15 | 0 |
| n260 | CA\_n260M |  |
| CA\_n12A-n261A | CA\_n12A-n261A | n12 | 5, 10, 15 | 0 |
| n261 | 50, 100, 200, 400 |  |
| CA\_n14A-n260A | CA\_n14A-n260A | n14 | 5, 10 | 0 |
| n260 | 50, 100, 200, 400 |  |
| CA\_n14A-n260G | CA\_n14A-n260A  CA\_n14A-n260G | n14 | 5, 10 | 0 |
| n260 | CA\_n260G |  |
| CA\_n14A-n260H | CA\_n14A-n260A  CA\_n14A-n260G  CA\_n14A-n260H | n14 | 5, 10 | 0 |
| n260 | CA\_n260H |  |
| CA\_n14A-n260I | CA\_n14A-n260A  CA\_n14A-n260G  CA\_n14A-n260H  CA\_n14A-n260I | n14 | 5, 10 | 0 |
| n260 | CA\_n260I |  |
| CA\_n14A-n260J | CA\_n14A-n260A  CA\_n14A-n260G  CA\_n14A-n260H  CA\_n14A-n260I  CA\_n14A-n260J | n14 | 5, 10 | 0 |
| n260 | CA\_n260J |  |
| CA\_n14A-n260K | CA\_n14A-n260A  CA\_n14A-n260G  CA\_n14A-n260H  CA\_n14A-n260I  CA\_n14A-n260J  CA\_n14A-n260K | n14 | 5, 10 | 0 |
| n260 | CA\_n260K |  |
| CA\_n14A-n260L | CA\_n14A-n260A  CA\_n14A-n260G  CA\_n14A-n260H  CA\_n14A-n260I  CA\_n14A-n260J  CA\_n14A-n260K  CA\_n14A-n260L | n14 | 5, 10 | 0 |
| n260 | CA\_n260L |  |
| CA\_n14A-n260M | CA\_n14A-n260A  CA\_n14A-n260G  CA\_n14A-n260H  CA\_n14A-n260I  CA\_n14A-n260J  CA\_n14A-n260K  CA\_n14A-n260L  CA\_n14A-n260M | n14 | 5, 10 | 0 |
| n260 | CA\_n260M |  |

Table 5.5A.1-1g: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n25A-n258A | CA\_n25A-n258A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n25A-n258(2A) | CA\_n25A-n258A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258(2A) |  |
| CA\_n25A-n258(3A) | CA\_n25A-n258A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258(3A) |  |
| CA\_n25A-n258(4A) | CA\_n25A-n258A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258(4A) |  |
| CA\_n25A-n258(5A) | CA\_n25A-n258A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258(5A) |  |
| CA\_n25A-n258G | CA\_n25A-n258A  CA\_n25A-n258G | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n25A-n258(2G) | CA\_n25A-n258A  CA\_n25A-n258G | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258(2G) |  |
| CA\_n25A-n258H | CA\_n25A-n258A  CA\_n25A-n258G  CA\_n25A-n258H | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n25A-n258(A-G) | CA\_n25A-n258A  CA\_n25A-n258G | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258(A-G) |  |
| CA\_n25A-n258(A-H) | CA\_n25A-n258A  CA\_n25A-n258G  CA\_n25A-n258H | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258(A-H) |  |
| CA\_n25A-n258(G-H) | CA\_n25A-n258A  CA\_n25A-n258G  CA\_n25A-n258H | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258(G-H) |  |
| CA\_n25A-n260A | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n25A-n260(2A) | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(2A) |  |
| CA\_n25A-n260(3A) | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(3A) |  |
| CA\_n25A-n260(4A) | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(4A) |  |
| CA\_n25A-n260(5A) | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(5A) |  |
| CA\_n25A-n260(6A) | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(6A) |  |
| CA\_n25A-n260(7A) | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(7A) |  |
| CA\_n25A-n260(8A) | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(8A) |  |
| CA\_n25A-n260G | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n25A-n260H | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n25A-n260I | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n25A-n260J | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n25A-n260K | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n25A-n260L | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n25A-n260M | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n25A-n261A | CA\_n25A-n261A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n25A-n261(2A) | CA\_n25A-n261A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2A) |  |

Table 5.5A.1-1h: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n28A-n257A | CA\_n28A-n257A | n28 | 5, 10, 15, 20 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n28A-n257D | CA\_n28A-n257A  CA\_n28A-n257D | n28 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n28A-n257G | CA\_n257G  CA\_n28A-n257A  CA\_n28A-n257G | n28 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n28A-n257H | CA\_n257G  CA\_n257H  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H | n28 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n28A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I | n28 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n30A-n260A | CA\_n30A-n260A | n30 | 5, 10 | 0 |
| n260 | 50, 100, 200, 400 |  |
| CA\_n30A-n260G | CA\_n30A-n260A  CA\_n30A-n260G | n30 | 5, 10 | 0 |
| n260 | CA\_n260G |  |
| CA\_n30A-n260H | CA\_n30A-n260A  CA\_n30A-n260G  CA\_n30A-n260H | n30 | 5, 10 | 0 |
| n260 | CA\_n260H |  |
| CA\_n30A-n260I | CA\_n30A-n260A  CA\_n30A-n260G  CA\_n30A-n260H  CA\_n30A-n260I | n30 | 5, 10 | 0 |
| n260 | CA\_n260I |  |
| CA\_n30A-n260J | CA\_n30A-n260A  CA\_n30A-n260G  CA\_n30A-n260H  CA\_n30A-n260I  CA\_n30A-n260J | n30 | 5, 10 | 0 |
| n260 | CA\_n260J |  |
| CA\_n30A-n260K | CA\_n30A-n260A  CA\_n30A-n260G  CA\_n30A-n260H  CA\_n30A-n260I  CA\_n30A-n260J  CA\_n30A-n260K | n30 | 5, 10 | 0 |
| n260 | CA\_n260K |  |
| CA\_n30A-n260L | CA\_n30A-n260A  CA\_n30A-n260G  CA\_n30A-n260H  CA\_n30A-n260I  CA\_n30A-n260J  CA\_n30A-n260K  CA\_n30A-n260L | n30 | 5, 10 | 0 |
| n260 | CA\_n260L |  |
| CA\_n30A-n260M | CA\_n30A-n260A  CA\_n30A-n260G  CA\_n30A-n260H  CA\_n30A-n260I  CA\_n30A-n260J  CA\_n30A-n260K  CA\_n30A-n260L  CA\_n30A-n260M | n30 | 5, 10 | 0 |
| n260 | CA\_n260M |  |
| CA\_n34A-n258A | CA\_n34A-n258A | n34 | 5, 10, 15 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n39A-n258A | CA\_n39A-n258A | n39 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |

Table 5.5A.1-1i: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n40A-n257A | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n40A-n257D | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n40A-n257E | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n40A-n257F | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n40A-n257G | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n40A-n257H | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n40A-n257I | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n40A-n257J | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n40A-n257K | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n40A-n257L | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n40A-n257M | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n40B-n257A | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257A |  |
| CA\_n40B-n257D | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n40B-n257E | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n40B-n257F | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n40B-n257G | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n40B-n257H | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n40B-n257I | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n40B-n257J | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n40B-n257K | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n40B-n257L | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n40B-n257M | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n40A-n258A | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n40A-n258D | CA\_n40A-n258A | n40 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258D |  |
| CA\_n40A-n258E | CA\_n40A-n258A | n40 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258E |  |
| CA\_n40A-n258F | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258F |  |
| CA\_n40A-n258G | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n40A-n258H | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n40A-n258I | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258I |  |
| CA\_n40A-n258J | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258J |  |
| CA\_n40A-n258K | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258K |  |
| CA\_n40A-n258L | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258L |  |
| CA\_n40A-n258M | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258M |  |

Table 5.5A.1-1j: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n41A-n257A | CA\_n41A-n257A | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
| n257 | 50, 100, 200, 400 |
| CA\_n41A-n257G | CA\_n257G  CA\_n41A-n257A  CA\_n41A-n257G | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
| n257 | CA\_n257G |
| CA\_n41A-n257H | CA\_n257G  CA\_n257H  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
| n257 | CA\_n257H |
| CA\_n41A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H  CA\_n41A-n257I | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
| n257 | CA\_n257I |
| CA\_n41A-n258A | CA\_n41A-n258A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
|  |  | n41 | See n41 channel bandwidths in 38.101-1 Table 5.3.5-1 | 4 and 5 |
|  |  | n258 | See n258 channel bandwidths in 38.101-2 Table 5.3.5-1 |  |
| CA\_n41A-n258(2A) | CA\_n41A-n258A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258(2A) |  |
|  |  | n41 | See n41 channel bandwidths in 38.101-1 Table 5.3.5-1 | 4 and 5 |
|  |  | n258 | CA\_n258(2A) |  |
| CA\_n41A-n258(3A) | CA\_n41A-n258A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258(3A) |  |
| CA\_n41A-n258(4A) | CA\_n41A-n258A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258(4A) |  |
| CA\_n41A-n258(5A) | CA\_n41A-n258A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258(5A) |  |
| CA\_n41A-n258G | CA\_n41A-n258A  CA\_n41A-n258G | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n41A-n258(2G) | CA\_n41A-n258A  CA\_n41A-n258G | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258(2G) |  |
| CA\_n41A-n258H | CA\_n41A-n258A  CA\_n41A-n258G  DC\_n41A-n258H | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n41A-n258(A-G) | CA\_n41A-n258A  CA\_n41A-n258G | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258(A-G) |  |
| CA\_n41A-n258(A-H) | CA\_n41A-n258A  CA\_n41A-n258G  CA\_n41A-n258H | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258(A-H) |  |
| CA\_n41A-n258(G-H) | CA\_n41A-n258A  CA\_n41A-n258G  CA\_n41A-n258H | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258(G-H) |  |
| CA\_n41C-n258A | CA\_n41A-n258A | n41 | CA\_n41C | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n41C-n258(2A) | CA\_n41A-n258A | n41 | CA\_n41C | 0 |
|  |  | n258 | CA\_n258(2A) |  |
| CA\_n41C-n258(3A) | CA\_n41A-n258A | n41 | CA\_n41C | 0 |
|  |  | n258 | CA\_n258(3A) |  |
| CA\_n41C-n258(4A) | CA\_n41A-n258A | n41 | CA\_n41C | 0 |
|  |  | n258 | CA\_n258(4A) |  |
| CA\_n41C-n258(5A) | CA\_n41A-n258A | n41 | CA\_n41C | 0 |
|  |  | n258 | CA\_n258(5A) |  |
| CA\_n41C-n258G | CA\_n41A-n258A  CA\_n41A-n258G | n41 | CA\_n41C BCS1 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n41C-n258(2G) | CA\_n41A-n258A  CA\_n41A-n258G | n41 | CA\_n41C BCS1 | 0 |
|  |  | n258 | CA\_n258(2G) |  |
| CA\_n41C-n258H | CA\_n41A-n258A  CA\_n41A-n258G  CA\_n41A-n258H | n41 | CA\_n41C BCS1 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n41C-n258(A-G) | CA\_n41A-n258A  CA\_n41A-n258G | n41 | CA\_n41C BCS1 | 0 |
|  |  | n258 | CA\_n258(A-G) |  |
| CA\_n41C-n258(A-H) | CA\_n41A-n258A  CA\_n41A-n258G  CA\_n41A-n258H | n41 | CA\_n41C BCS1 | 0 |
|  |  | n258 | CA\_n258(A-H) |  |
| CA\_n41C-n258(G-H) | CA\_n41A-n258A  CA\_n41A-n258G  CA\_n41A-n258H | n41 | CA\_n41C BCS1 | 0 |
|  |  | n258 | CA\_n258(G-H) |  |
| CA\_n41(2A)-n258A | CA\_n41A-n258A | n41 | CA\_n41(2A) BCS1 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n41(2A)-n258(2A) | CA\_n41A-n258A | n41 | CA\_n41(2A) BCS1 | 0 |
|  |  | n258 | CA\_n258(2A) |  |
| CA\_n41(2A)-n258(3A) | CA\_n41A-n258A | n41 | CA\_n41(2A) BCS1 | 0 |
|  |  | n258 | CA\_n258(3A) |  |
| CA\_n41(2A)-n258(4A) | CA\_n41A-n258A | n41 | CA\_n41(2A) BCS1 | 0 |
|  |  | n258 | CA\_n258(4A) |  |
| CA\_n41(2A)-n258(5A) | CA\_n41A-n258A | n41 | CA\_n41(2A) BCS1 | 0 |
|  |  | n258 | CA\_n258(5A) |  |
| CA\_n41(2A)-n258G | CA\_n41A-n258A  CA\_n41A-n258G | n41 | CA\_n41(2A) BCS1 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n41(2A)-n258(2G) | CA\_n41A-n258A  CA\_n41A-n258G | n41 | CA\_n41(2A) BCS1 | 0 |
|  |  | n258 | CA\_n258(2G) |  |
| CA\_n41(2A)-n258H | CA\_n41A-n258A  CA\_n41A-n258G  CA\_n41A-n258H | n41 | CA\_n41(2A) BCS1 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n41(2A)-n258(A-G) | CA\_n41A-n258A  CA\_n41A-n258G | n41 | CA\_n41(2A) BCS1 | 0 |
|  |  | n258 | CA\_n258(A-G) |  |
| CA\_n41(2A)-n258(A-H) | CA\_n41A-n258A  CA\_n41A-n258G  CA\_n41A-n258H | n41 | CA\_n41(2A) BCS1 | 0 |
|  |  | n258 | CA\_n258(A-H) |  |
| CA\_n41(2A)-n258(G-H) | CA\_n41A-n258A  CA\_n41A-n258G  CA\_n41A-n258H | n41 | CA\_n41(2A) BCS1 | 0 |
|  |  | n258 | CA\_n258(G-H) |  |
| CA\_n41A-n260A | CA\_n41A-n260A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n41A-n260(2A) | CA\_n41A-n260A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260(2A) |  |
| CA\_n41A-n260(3A) | CA\_n41A-n260A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260(3A) |  |
| CA\_n41A-n260(4A) | CA\_n41A-n260A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260(4A) |  |
| CA\_n41A-n260(5A) | CA\_n41A-n260A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260(5A) |  |
| CA\_n41A-n260(6A) | CA\_n41A-n260A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260(6A) |  |
| CA\_n41A-n260(7A) | CA\_n41A-n260A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260(7A) |  |
| CA\_n41A-n260(8A) | CA\_n41A-n260A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260(8A) |  |
| CA\_n41A-n260G | CA\_n41A-n260A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n41A-n260H | CA\_n41A-n260A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n41A-n260I | CA\_n41A-n260A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n41A-n260J | CA\_n41A-n260A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n41A-n260K | CA\_n41A-n260A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n41A-n260L | CA\_n41A-n260A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n41A-n260M | CA\_n41A-n260A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n41(2A)-n260A | CA\_n41A-n260A | n41 | CA\_n41(2A) BCS1 | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n41(2A)-n260(2A) | CA\_n41A-n260A | n41 | CA\_n41(2A) BCS1 | 0 |
|  |  | n260 | CA\_n260(2A) |  |
| CA\_n41(2A)-n260(3A) | CA\_n41A-n260A | n41 | CA\_n41(2A) | 0 |
|  |  | n260 | CA\_n260(3A) |  |
| CA\_n41(2A)-n260(4A) | CA\_n41A-n260A | n41 | CA\_n41(2A) | 0 |
|  |  | n260 | CA\_n260(4A) |  |
| CA\_n41(2A)-n260(5A) | CA\_n41A-n260A | n41 | CA\_n41(2A) | 0 |
|  |  | n260 | CA\_n260(5A) |  |
| CA\_n41(2A)-n260(6A) | CA\_n41A-n260A | n41 | CA\_n41(2A) | 0 |
|  |  | n260 | CA\_n260(6A) |  |
| CA\_n41(2A)-n260(7A) | CA\_n41A-n260A | n41 | CA\_n41(2A) | 0 |
|  |  | n260 | CA\_n260(7A) |  |
| CA\_n41(2A)-n260(8A) | CA\_n41A-n260A | n41 | CA\_n41(2A) | 0 |
|  |  | n260 | CA\_n260(8A) |  |
| CA\_n41(2A)-n260G | CA\_n41A-n260A | n41 | CA\_n41(2A) | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n41(2A)-n260H | CA\_n41A-n260A | n41 | CA\_n41(2A) | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n41(2A)-n260I | CA\_n41A-n260A | n41 | CA\_n41(2A) | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n41(2A)-n260J | CA\_n41A-n260A | n41 | CA\_n41(2A) | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n41(2A)-n260K | CA\_n41A-n260A | n41 | CA\_n41(2A) | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n41(2A)-n260L | CA\_n41A-n260A | n41 | CA\_n41(2A) | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n41(2A)-n260M | CA\_n41A-n260A | n41 | CA\_n41(2A) | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n41C-n260A | CA\_n41A-n260A | n41 | CA\_n41C | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n41C-n260(2A) | CA\_n41A-n260A | n41 | CA\_n41C | 0 |
|  |  | n260 | CA\_n260(2A) |  |
| CA\_n41C-n260(3A) | CA\_n41A-n260A | n41 | CA\_n41C | 0 |
|  |  | n260 | CA\_n260(3A) |  |
| CA\_n41C-n260(4A) | CA\_n41A-n260A | n41 | CA\_n41C | 0 |
|  |  | n260 | CA\_n260(4A) |  |
| CA\_n41C-n260(5A) | CA\_n41A-n260A | n41 | CA\_n41C | 0 |
|  |  | n260 | CA\_n260(5A) |  |
| CA\_n41C-n260(6A) | CA\_n41A-n260A | n41 | CA\_n41C | 0 |
|  |  | n260 | CA\_n260(6A) |  |
| CA\_n41C-n260(7A) | CA\_n41A-n260A | n41 | CA\_n41C | 0 |
|  |  | n260 | CA\_n260(7A) |  |
| CA\_n41C-n260(8A) | CA\_n41A-n260A | n41 | CA\_n41C | 0 |
|  |  | n260 | CA\_n260(8A) |  |
| CA\_n41C-n260G | CA\_n41A-n260A | n41 | CA\_n41C | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n41C-n260H | CA\_n41A-n260A | n41 | CA\_n41C | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n41C-n260I | CA\_n41A-n260A | n41 | CA\_n41C | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n41C-n260J | CA\_n41A-n260A | n41 | CA\_n41C | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n41C-n260K | CA\_n41A-n260A | n41 | CA\_n41C | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n41C-n260L | CA\_n41A-n260A | n41 | CA\_n41C | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n41C-n260M | CA\_n41A-n260A | n41 | CA\_n41C | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n41A-n261A | CA\_n41A-n261A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n41A-n261(2A) | CA\_n41A-n261A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2A) |  |
| CA\_n41C-n261A | CA\_n41A-n261A | n41 | CA\_n41C | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n41(2A)-n261A | CA\_n41A-n261A | n41 | CA\_n41(2A) BCS1 | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n41C-n261(2A) | CA\_n41A-n261A | n41 | CA\_n41C | 0 |
|  |  | n261 | CA\_n261(2A) |  |
| CA\_n41(2A)-n261(2A) | CA\_n41A-n261A | n41 | CA\_n41(2A) BCS1 | 0 |
|  |  | n261 | CA\_n261(2A) |  |

Table 5.5A.1-1k: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n48A-n260A | CA\_n48A-n260A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n48A-n260G | CA\_n48A-n260A  CA\_n48A-n260G | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n48A-n260H | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n48A-n260I | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n48A-n260J | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n48A-n260K | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n48A-n260L | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n48A-n260M | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n48(2A)-n260A | CA\_n48A-n260A | n48 | CA\_n48(2A) | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n48(2A)-n260G | CA\_n48A-n260A  CA\_n48A-n260G | n48 | CA\_n48(2A) | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n48(2A)-n260H | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H | n48 | CA\_n48(2A) | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n48(2A)-n260I | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48(2A) | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n48(2A)-n260J | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48(2A) | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n48(2A)-n260K | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48(2A) | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n48(2A)-n260L | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48(2A) | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n48(2A)-n260M | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48(2A) | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n48B-n260A | CA\_n48A-n260A | n48 | CA\_n48B | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n48B-n260G | CA\_n48A-n260A  CA\_n48A-n260G | n48 | CA\_n48B | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n48B-n260H | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H | n48 | CA\_n48B | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n48B-n260I | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48B | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n48B-n260J | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48B | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n48B-n260K | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48B | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n48B-n260L | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48B | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n48B-n260M | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48B | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n48(A-B)-n260A | CA\_n48A-n260A | n48 | CA\_n48(A-B) | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n48(A-B)-n260G | CA\_n48A-n260A  CA\_n48A-n260G | n48 | CA\_n48(A-B) | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n48(A-B)-n260H | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H | n48 | CA\_n48(A-B) | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n48(A-B)-n260I | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48(A-B) | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n48(A-B)-n260J | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48(A-B) | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n48(A-B)-n260K | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48(A-B) | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n48(A-B)-n260L | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48(A-B) | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n48(A-B)-n260M | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48(A-B) | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n48A-n261A | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n48A-n261G | CA\_n48A-n261A  CA\_n48A-n261G | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261G |  |
| CA\_n48A-n261H | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261H |  |
| CA\_n48A-n261I | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261I |  |
| CA\_n48A-n261J | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261J |  |
| CA\_n48A-n261K | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261K |  |
| CA\_n48A-n261L | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261L |  |
| CA\_n48A-n261M | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261M |  |
| CA\_n48A-n261(2A) | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2A) |  |
| CA\_n48A-n261(2G) | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2G) |  |
| CA\_n48A-n261(2I) | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2I) |  |
| CA\_n48A-n261(2H) | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2H) |  |
| CA\_n48A-n261(3A) | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(3A) |  |
| CA\_n48A-n261(4A) | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(4A) |  |
| CA\_n48A-n261(A-G) | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-G) |  |
| CA\_n48A-n261(A-H) | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-H) |  |
| CA\_n48A-n261(A-I) | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-I) |  |
| CA\_n48A-n261(G-H) | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(G-H) |  |
| CA\_n48A-n261(H-I) | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(H-I) |  |
| CA\_n48A-n261(G-I) | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(G-I) |  |
| CA\_n48(2A)-n261A | CA\_n48A-n261A | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n48(2A)-n261G | CA\_n48A-n261A  CA\_n48A-n261G | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | CA\_n261G |  |
| CA\_n48(2A)-n261H | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | CA\_n261H |  |
| CA\_n48(2A)-n261I | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | CA\_n261I |  |
| CA\_n48(2A)-n261J | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | CA\_n261J |  |
| CA\_n48(2A)-n261K | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | CA\_n261K |  |
| CA\_n48(2A)-n261L | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | CA\_n261L |  |
| CA\_n48(2A)-n261M | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | CA\_n261M |  |
| CA\_n48B-n261A | CA\_n48A-n261A | n48 | CA\_n48B | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n48B-n261G | CA\_n48A-n261A  CA\_n48A-n261G | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261G |  |
| CA\_n48B-n261H | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261H |  |
| CA\_n48B-n261I | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261I |  |
| CA\_n48B-n261J | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261J |  |
| CA\_n48B-n261K | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261K |  |
| CA\_n48B-n261L | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261L |  |
| CA\_n48B-n261M | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261M |  |
| CA\_n48(A-B)-n261A | CA\_n48A-n261A | n48 | CA\_n48(A-B) | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n48(A-B)-n261G | CA\_n48A-n261A  CA\_n48A-n261G | n48 | CA\_n48(A-B) | 0 |
|  |  | n261 | CA\_n261G |  |
| CA\_n48(A-B)-n261I | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | CA\_n48(A-B) | 0 |
|  |  | n261 | CA\_n261H |  |
| CA\_n48(A-B)-n261I | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(A-B) | 0 |
|  |  | n261 | CA\_n261I |  |
| CA\_n48(A-B)-n261J | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(A-B) | 0 |
|  |  | n261 | CA\_n261J |  |
| CA\_n48(A-B)-n261K | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(A-B) | 0 |
|  |  | n261 | CA\_n261K |  |
| CA\_n48(A-B)-n261L | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(A-B) | 0 |
|  |  | n261 | CA\_n261L |  |
| CA\_n48(A-B)-n261M | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(A-B) | 0 |
|  |  | n261 | CA\_n261M |  |

Table 5.5A.1-1l: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n66A-n258A | CA\_n66A-n258A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n66A-n258(2A) | CA\_n66A-n258A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n258 | CA\_n258(2A) |  |
| CA\_n66A-n258(3A) | CA\_n66A-n258A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n258 | CA\_n258(3A) |  |
| CA\_n66A-n258(4A) | CA\_n66A-n258A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n258 | CA\_n258(4A) |  |
| CA\_n66A-n258(5A) | CA\_n66A-n258A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n258 | CA\_n258(5A) |  |
| CA\_n66A-n258G | CA\_n66A-n258A  CA\_n66A-n258G | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n66A-n258(2G) | CA\_n66A-n258A  CA\_n66A-n258G | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258(2G) |  |
| CA\_n66A-n258H | CA\_n66A-n258A  CA\_n66A-n258G  CA\_n66A-n258H | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n66A-n258(A-G) | CA\_n66A-n258A  CA\_n66A-n258G | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258(A-G) |  |
| CA\_n66A-n258(A-H) | CA\_n66A-n258A  CA\_n66A-n258G  CA\_n66A-n258H | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258(A-H) |  |
| CA\_n66A-n258(G-H) | CA\_n66A-n258A  CA\_n66A-n258G  CA\_n66A-n258H | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258(G-H) |  |
| CA\_n66A-n260A | CA\_n66A-n260A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n66A-n260(2A) | CA\_n66A-n260A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260(2A) |  |
| CA\_n66A-n260(3A) | CA\_n66A-n260A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260(3A) |  |
| CA\_n66A-n260(4A) | CA\_n66A-n260A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260(4A) |  |
| CA\_n66A-n260(5A) | CA\_n66A-n260A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260(5A) |  |
| CA\_n66A-n260(6A) | CA\_n66A-n260A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260(6A) |  |
| CA\_n66A-n260(7A) | CA\_n66A-n260A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260(7A) |  |
| CA\_n66A-n260(8A) | CA\_n66A-n260A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260(8A) |  |
| CA\_n66A-n260G | CA\_n66A-n260A  CA\_n66A-n260G | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260G |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n260 | CA\_n260G |  |
| CA\_n66A-n260H | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260H |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n260 | CA\_n260H |  |
| CA\_n66A-n260I | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260I |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n260 | CA\_n260I |  |
| CA\_n66A-n260J | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n66A-n260J | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260J |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n260 | CA\_n260J |  |
| CA\_n66A-n260K | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n66A-n260J  CA\_n66A-n260K | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260K |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n260 | CA\_n260K |  |
| CA\_n66A-n260L | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n66A-n260J  CA\_n66A-n260K  CA\_n66A-n260L | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260L |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n260 | CA\_n260L |  |
| CA\_n66A-n260M | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n66A-n260J  CA\_n66A-n260K  CA\_n66A-n260L  CA\_n66A-n260M | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260M |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n260 | CA\_n260M |  |
| CA\_n66(2A)-n260A | CA\_n66-n260A | n66 | CA\_n66(2A)\_BCS1 | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n66(2A)-n260G | CA\_n66-n260A  CA\_n66-n260G | n66 | CA\_n66(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n66(2A)-n260H | CA\_n66-n260A  CA\_n66-n260G  CA\_n66-n260H | n66 | CA\_n66(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n66(2A)-n260I | CA\_n66-n260A  CA\_n66-n260G  CA\_n66-n260H  CA\_n66-n260I | n66 | CA\_n66(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n66(2A)-n260J | CA\_n66-n260A  CA\_n66-n260G  CA\_n66-n260H  CA\_n66-n260I  CA\_n66-n260J | n66 | CA\_n66(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n66(2A)-n260K | CA\_n66-n260A  CA\_n66-n260G  CA\_n66-n260H  CA\_n66-n260I  CA\_n66-n260J  CA\_n66-n260K | n66 | CA\_n66(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n66(2A)-n260L | CA\_n66-n260A  CA\_n66-n260G  CA\_n66-n260H  CA\_n66-n260I  CA\_n66-n260J  CA\_n66-n260K  CA\_n66-n260L | n66 | CA\_n66(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n66(2A)-n260M | CA\_n66-n260A  CA\_n66-n260G  CA\_n66-n260H  CA\_n66-n260I  CA\_n66-n260J  CA\_n66-n260K  CA\_n66-n260L  CA\_n66-n260M | n66 | CA\_n66(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n66A-n261A | CA\_n66A-n261A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n66A-n261(2A) | CA\_n66A-n261A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(2A) |  |
| CA\_n66A-n261(3A) | CA\_n66A-n261A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(3A) |  |
| CA\_n66A-n261(4A) | CA\_n66A-n261A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(4A) |  |
| CA\_n66A-n261G | CA\_n66A-n261A  CA\_n66A-n261G | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261G |  |
| CA\_n66A-n261H | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261H |  |
| CA\_n66A-n261I | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261I |  |
| CA\_n66A-n261J | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261J |  |
| CA\_n66A-n261K | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261K |  |
| CA\_n66A-n261L | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261L |  |
| CA\_n66A-n261M | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261M |  |
| CA\_n66A-n261O | CA\_n66A-n261A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261O |  |
| CA\_n66A-n261P | CA\_n66A-n261A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261P |  |
| CA\_n66A-n261Q | CA\_n66A-n261A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261Q |  |
| CA\_n66A-n261(2G) | CA\_n66A-n261A  CA\_n66A-n261G | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(2G) |  |
| CA\_n66A-n261(2H) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(2H) |  |
| CA\_n66A-n261(2I) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(2I) |  |
| CA\_n66A-n261(A-G) | CA\_n66A-n261A  CA\_n66A-n261G | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(A-G) |  |
| CA\_n66A-n261(A-H) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(A-H) |  |
| CA\_n66A-n261(A-I) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(A-I) |  |
| CA\_n66A-n261(A-J) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(A-J) |  |
| CA\_n66A-n261(A-K) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(A-K) |  |
| CA\_n66A-n261(A-L) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(A-L) |  |
| CA\_n66A-n261(G-H) | CA\_n66A-n261A  CA\_n66A-n261G CA\_n66A-n261H | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(G-H) |  |
| CA\_n66A-n261(H-I) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(H-I) |  |
| CA\_n66A-n261(G-I) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(G-I) |  |
| CA\_n66A-n261(A-G-H) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(A-G-H) |  |
| CA\_n66A-n261(A-G-I) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(A-G-I) |  |
| CA\_n66A-n261(2A-H) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(2A-H) |  |
| CA\_n66A-n261(2A-G) | CA\_n66A-n261A  CA\_n66A-n261G | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(2A-G) |  |
| CA\_n66A-n261(2A-I) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(2A-I) |  |
| CA\_n66A-n261(A-2G) | CA\_n66A-n261A  CA\_n66A-n261G | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(A-2G) |  |
| CA\_n71A-n257A | - | n71 | 5, 10, 15, 20 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n71A-n260A | - | n71 | 5, 10, 15, 20 | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n71A-n260(2A) | - | n71 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(2A) |  |
| CA\_n71A-n260(3A) | - | n71 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(3A) |  |
| CA\_n71A-n260(4A) | - | n71 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(4A) |  |
| CA\_n71A-n261A | - | n71 | 5, 10, 15, 20 | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n71A-n261(2A) | - | n71 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2A) |  |

Table 5.5A.1-1m: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n77A-n257A | CA\_n77A-n257A | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n77A-n257D | CA\_n77A-n257A  CA\_n77A-n257D | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n77A-n257E | CA\_n77A-n257A | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n77A-n257F | CA\_n77A-n257A | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n77A-n257G | CA\_n257G  CA\_n77A-n257A  CA\_n77A-n257G | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n77A-n257H | CA\_n257G  CA\_n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n77A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n77A-n257J | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n77A-n257K | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n257K  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J  CA\_n77A-n257K | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n77A-n257L | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n257K  CA\_n257L  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I,  CA\_n77A-n257J  CA\_n77A-n257K  CA\_n77A-n257L | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n77A-n257M | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n257K  CA\_n257L  CA\_n257M  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J  CA\_n77A-n257K  CA\_n77A-n257L  CA\_n77A-n257M | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n77C-n257A | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n77C-n257D | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n77C-n257E | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n77C-n257F | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n77C-n257G | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n77C-n257H | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n77C-n257I | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n77C-n257J | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n77C-n257K | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n77C-n257L | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n77C-n257M | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n77(2A)-n257A | CA\_n77A-n257A | n77 | CA\_n77(2A) | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n77(2A)-n257D | CA\_n77A-n257A  CA\_n77A-n257D | n77 | CA\_n77(2A) | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n77(2A)-n257G | CA\_n77A-n257A  CA\_n77A-n257G | n77 | CA\_n77(2A) | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n77(2A)-n257H | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n77 | CA\_n77(2A) | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n77(2A)-n257I | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n77 | CA\_n77(2A) | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n77(2A)-n257J | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J | n77 | CA\_n77(2A) | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n77(2A)-n257K | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J  CA\_n77A-n257K | n77 | CA\_n77(2A) | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n77(2A)-n257L | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J  CA\_n77A-n257K  CA\_n77A-n257L | n77 | CA\_n77(2A) | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n77(2A)-n257M | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J  CA\_n77A-n257K  CA\_n77A-n257L  CA\_n77A-n257M | n77 | CA\_n77(2A) | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n77(3A)-n257A | CA\_n77A-n257A | n77 | CA\_n77(3A) | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n77(3A)-n257D | CA\_n77A-n257A  CA\_n77A-n257D | n77 | CA\_n77(3A) | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n77(3A)-n257G | CA\_n77A-n257A  CA\_n77A-n257G | n77 | CA\_n77(3A) | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n77(3A)-n257H | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n77 | CA\_n77(3A) | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n77(3A)-n257I | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n77 | CA\_n77(3A) | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n77A-n258A | CA\_n77A-n258A | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n77A-n258(2A) | CA\_n77A-n258A | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258(2A) |  |
| CA\_n77A-n258(3A) | CA\_n77A-n258A | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258(3A) |  |
| CA\_n77A-n258(4A) | CA\_n77A-n258A | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258(4A) |  |
| CA\_n77A-n258(5A) | CA\_n77A-n258A | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258(5A) |  |
| CA\_n77A-n260A | CA\_n77A-n260A | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n77A-n260G | CA\_n77A-n260A  CA\_n77A-n260G | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n77A-n260H | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n77A-n260I | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n77A-n260J | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n77A-n260K | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n77A-n260L | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K  CA\_n77A-n260L | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n77A-n260M | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K  CA\_n77A-n260L  CA\_n77A-n260M | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n77C-n260A | CA\_n77A-n260A | n77 | CA\_n77C | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n77C-n260G | CA\_n77A-n260A  CA\_n77A-n260G | n77 | CA\_n77C | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n77C-n260H | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H | n77 | CA\_n77C | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n77C-n260I | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n77 | CA\_n77C | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n77C-n260J | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n77 | CA\_n77C | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n77C-n260K | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260GI | n77 | CA\_n77C | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n77C-n260L | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n77 | CA\_n77C | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n77C-n260M | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n77 | CA\_n77C | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n77(2A)-n260A | CA\_n77(2A)  CA\_n77A-n260A | n77 | CA\_n77(2A)\_BCS1 | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n77(2A)-n260G | CA\_n77(2A)  CA\_n77A-n260A  CA\_n77A-n260G | n77 | CA\_n77(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n77(2A)-n260H | CA\_n77(2A)  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H | n77 | CA\_n77(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n77(2A)-n260I | CA\_n77(2A)  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n77 | CA\_n77(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n77(2A)-n260J | CA\_n77(2A)  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J | n77 | CA\_n77(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n77(2A)-n260K | CA\_n77(2A)  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K | n77 | CA\_n77(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n77(2A)-n260L | CA\_n77(2A)  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K  CA\_n77A-n260L | n77 | CA\_n77(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n77(2A)-n260M | CA\_n77(2A)  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K  CA\_n77A-n260L  CA\_n77A-n260M | n77 | CA\_n77(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n77A-n261A | CA\_n77A-n261A | n77 | 10, 15, 20, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n77A-n261D | CA\_n77A-n261A  CA\_n77A-n261D | n77 | 10, 15, 20, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261D |  |
| CA\_n77A-n261G | CA\_n77A-n261A  CA\_n77A-n261G | n77 | 10, 15, 20, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261G |  |
| CA\_n77A-n261H | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n77 | 10, 15, 20, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261H |  |
| CA\_n77A-n261I | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | 10, 15, 20, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261I |  |
| CA\_n77A-n261J | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I  CA\_n77A-n261J | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261J |  |
| CA\_n77A-n261K | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I  CA\_n77A-n261J  CA\_n77A-n261K | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261K |  |
| CA\_n77A-n261L | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I  CA\_n77A-n261J  CA\_n77A-n261K  CA\_n77A-n261L | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261L |  |
| CA\_n77A-n261M | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I  CA\_n77A-n261J  CA\_n77A-n261K  CA\_n77A-n261L  CA\_n77A-n261M | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261M |  |
| CA\_n77A-n261(2A) | CA\_n77A-n261A | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2A) |  |
| CA\_n77A-n261(2G) | CA\_n77A-n261A  CA\_n77A-n261G | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2G) |  |
| CA\_n77A-n261(2H) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2H) |  |
| CA\_n77A-n261(2I) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2I) |  |
| CA\_n77A-n261(3A) | CA\_n77A-n261A | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(3A) |  |
| CA\_n77A-n261(4A) | CA\_n77A-n261A | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(4A) |  |
| CA\_n77A-n261(A-G) | CA\_n77A-n261A  CA\_n77A-n261G | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-G) |  |
| CA\_n77A-n261(A-H) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-H) |  |
| CA\_n77A-n261(A-I) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-I) |  |
| CA\_n77A-n261(G-H) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(G-H) |  |
| CA\_n77A-n261(G-I) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(G-I) |  |
| CA\_n77A-n261(H-I) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(H-I) |  |
| CA\_n77A-n261(A-J) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-J) |  |
| CA\_n77A-n261(A-K) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-K) |  |
| CA\_n77A-n261(A-L) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-L) |  |
| CA\_n77A-n261(A-G-H) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-G-H) |  |
| CA\_n77A-n261(A-G-I) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-G-I) |  |
| CA\_n77A-n261(2A-H) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2A-H) |  |
| CA\_n77A-n261(2A-G) | CA\_n77A-n261A  CA\_n77A-n261G | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2A-G) |  |
| CA\_n77A-n261(2A-I) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2A-I) |  |
| CA\_n77A-n261(A-2G) | CA\_n77A-n261A  CA\_n77A-n261G | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-2G) |  |
| CA\_n77C-n261A | CA\_n77A-n261A | n77 | CA\_n77C | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n77C-n261G | CA\_n77A-n261A  CA\_n77A-n261G | n77 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261G |  |
| CA\_n77C-n261H | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n77 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261H |  |
| CA\_n77C-n261I | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261I |  |
| CA\_n77C-n261J | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261J |  |
| CA\_n77C-n261K | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261K |  |
| CA\_n77C-n261L | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261L |  |
| CA\_n77C-n261M | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261M |  |

Table 5.5A.1-1n: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n78A-n257A | CA\_n78A-n257A | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n78A-n257D | CA\_n78A-n257A  CA\_n78A-n257D | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n78A-n257E | CA\_n78A-n257A | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n78A-n257F | CA\_n78A-n257A | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n78C-n257A | CA\_n78A-n257A | n78 | CA\_n78C | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n78C-n257D | CA\_n78A-n257A | n78 | CA\_n78C | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n78C-n257E | CA\_n78A-n257A | n78 | CA\_n78C | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n78C-n257F | CA\_n78A-n257A | n78 | CA\_n78C | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n78C-n257G | CA\_n78A-n257A  CA\_n78A-n257G | n78 | CA\_n78C | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n78C-n257H | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H | n78 | CA\_n78C | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n78C-n257I | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n78 | CA\_n78C | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n78C-n257J | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n78 | CA\_n78C | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n78C-n257K | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n78 | CA\_n78C | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n78C-n257L | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n78 | CA\_n78C | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n78C-n257M | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257M | n78 | CA\_n78C | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n78A-n257G | CA\_n257G  CA\_n78A-n257A  CA\_n78A-n257G | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n78A-n257H | CA\_n257G  CA\_n257H  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n78A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n78A-n257J | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n78A-n257K | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n78A-n257L | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n78A-n257M | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n78(2A)-n257A | CA\_n78A-n257A | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n78(2A)-n257D | CA\_n78A-n257A | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n78(2A)-n257E | CA\_n78A-n257A | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n78(2A)-n257F | CA\_n78A-n257A | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n78(2A)-n257G | CA\_n78A-n257A  CA\_n78A-n257G | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n78(2A)-n257H | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n78(2A)-n257I | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n78(2A)-n257J | CA\_n78A-n257A | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n78(2A)-n257K | CA\_n78A-n257A | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n78(2A)-n257L | CA\_n78A-n257A | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n78(2A)-n257M | CA\_n78A-n257A | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n78A-n258A | CA\_n78A-n258A | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n78A-n258B | CA\_n78A-n258A | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258B |  |
| CA\_n78A-n258C | CA\_n78A-n258A | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258C |  |
| CA\_n78A-n258D | CA\_n78A-n258A | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258D |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 1 |
|  |  | n258 | CA\_n258D |  |
| CA\_n78A-n258E | CA\_n78A-n258A | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258E |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 1 |
|  |  | n258 | CA\_n258E |  |
| CA\_n78A-n258F | CA\_n78A-n258A | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258F |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 1 |
|  |  | n258 | CA\_n258F |  |
| CA\_n78A-n258G | CA\_n78A-n258A  CA\_n78A-n258G | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258G |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 1 |
|  |  | n258 | CA\_n258G |  |
| CA\_n78A-n258H | CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H | n78 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258H |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 1 |
|  |  | n258 | CA\_n258H |  |
| CA\_n78A-n258I | CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258I |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 1 |
|  |  | n258 | CA\_n258I |  |
| CA\_n78A-n258J | CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258J |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 1 |
|  |  | n258 | CA\_n258J |  |
| CA\_n78A-n258K | CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258K |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 1 |
|  |  | n258 | CA\_n258K |  |
| CA\_n78A-n258L | CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K  CA\_n78A-n258L | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258L |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 1 |
|  |  | n258 | CA\_n258L |  |
| CA\_n78A-n258M | CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K  CA\_n78A-n258L  CA\_n78A-n258M | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258M |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 1 |
|  |  | n258 | CA\_n258M |  |
| CA\_n78B-n258A | CA\_n78A-n258A | n78 | CA\_n78B | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n78B-n258B | CA\_n78A-n258A | n78 | CA\_n78B | 0 |
|  |  | n258 | CA\_n258B |  |
| CA\_n78C-n258A | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | 50, 100, 200, 400 |  |
| CA\_n78C-n258B | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258B |  |
| CA\_n78C-n258C | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258C |  |
| CA\_n78C-n258D | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258D |  |
| CA\_n78C-n258E | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258E |  |
| CA\_n78C-n258F | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258F |  |
| CA\_n78C-n258G | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258G |  |
| CA\_n78C-n258H | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258H |  |
| CA\_n78C-n258I | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258I |  |
| CA\_n78C-n258J | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258J |  |
| CA\_n78C-n258K | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258K |  |
| CA\_n78C-n258L | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258L |  |
| CA\_n78C-n258M | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258M |  |

Table 5.5A.1-1o: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n79A-n257A | CA\_n79A-n257A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n79A-n257D | CA\_n79A-n257A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n79A-n257E | CA\_n79A-n257A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n79A-n257F | CA\_n79A-n257A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n79A-n257G | CA\_n257G  CA\_n79A-n257A  CA\_n79A-n257G | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n79A-n257H | CA\_n257G  CA\_n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n79A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n79A-n257J | CA\_n79A-n257A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n79A-n257K | CA\_n79A-n257A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n79A-n257L | CA\_n79A-n257A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n79A-n257M | CA\_n79A-n257A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n79C-n257A | CA\_n79A-n257A | n79 | CA\_n79C | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n79C-n257D | CA\_n79A-n257A | n79 | CA\_n79C | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n79C-n257E | CA\_n79A-n257A | n79 | CA\_n79C | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n79C-n257F | CA\_n79A-n257A | n79 | CA\_n79C | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n79A-n258A | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n79A-n258B | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258B |  |
| CA\_n79A-n258C | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258C |  |
| CA\_n79A-n258D | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258D |  |
| CA\_n79A-n258E | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258E |  |
| CA\_n79A-n258F | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258F |  |
| CA\_n79A-n258G | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n79A-n258H | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n79A-n258I | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258I |  |
| CA\_n79A-n258J | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258J |  |
| CA\_n79A-n258K | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258K |  |
| CA\_n79A-n258L | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258L |  |
| CA\_n79A-n258M | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258M |  |
| CA\_n79C-n258A | CA\_n79A-n258A | n79 | CA\_n79C | 0 |
| n258 | 50, 100, 200, 400 |

The following notes are applied to the above tables:

NOTE 1: This UE channel bandwidth is optional in this release of the specification. (From Table 5.3.5-1 of 38.101-1)

NOTE 2: The CA configurations are given in Table 5.5A.1-1 of either TS 38.101-1 or TS 38.101-2 where unless otherwise stated BCS0 is referred to.

NOTE 3: The SCS of each channel bandwidth for NR FR1 and NR FR2 band refers to Table 5.3.5-1 of TS 38.101-1 and TS 38.101-2 respectively.

NOTE 4: This UE channel bandwidth is optional in this release of the specification.

NOTE 5: For this bandwidth, the minimum requirements are restricted to operation when carrier is configured as a SCell part of DC or CA configuration (In Table 5.3.5-1 in 38.101-1).

Table 5.5A.1-2: Inter-band CA configurations and bandwidth combination sets between FR1 and FR2 (three bands)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| NR CA configuration | Uplink configuration | NR Band | Channel bandwidth (MHz) (NOTE 1) | Bandwidth combination set | |
| CA\_n1A-n3A-n257A | CA\_n1A-n3A  CA\_n1A-n257A  CA\_n3A-n257A | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | n257 | 50, 100, 200, 400 |  | |
| CA\_n1A-n3A-n257G | CA\_n1A-n3A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n3A-n257A  CA\_n3A-n257G | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | n257 | CA\_n257G |  | |
| CA\_n1A-n3A-n257H | CA\_n1A-n3A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | n257 | CA\_n257H |  | |
| CA\_n1A-n3A-n257I | CA\_n1A-n3A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | n257 | CA\_n257I |  | |
| CA\_n1A-n3A-n257J | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | n257 | CA\_n257J |  | |
| CA\_n1A-n3A-n257K | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | n257 | CA\_n257K |  | |
| CA\_n1A-n3A-n257L | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | n257 | CA\_n257L |  | |
| CA\_n1A-n3A-n257M | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | n257 | CA\_n257M |  | |
| CA\_n1A-n8A-n257A | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n8 | 5, 10, 15, 20 |  | |
|  |  | n257 | 50, 100, 200, 400 |  | |
| CA\_n1A-n8A-n257D | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n8 | 5, 10, 15, 20 |  | |
|  |  | n257 | CA\_n257D |  | |
| CA\_n1A-n8A-n257E | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n8 | 5, 10, 15, 20 |  | |
|  |  | n257 | CA\_n257E |  | |
| CA\_n1A-n8A-n257F | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n8 | 5, 10, 15, 20 |  | |
|  |  | n257 | CA\_n257F |  | |
| CA\_n1A-n8A-n257G | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n8 | 5, 10, 15, 20 |  | |
|  |  | n257 | CA\_n257G |  | |
| CA\_n1A-n8A-n257H | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n8 | 5, 10, 15, 20 |  | |
|  |  | n257 | CA\_n257H |  | |
| CA\_n1A-n8A-n257I | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n8 | 5, 10, 15, 20 |  | |
|  |  | n257 | CA\_n257I |  | |
| CA\_n1A-n8A-n257J | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n8 | 5, 10, 15, 20 |  | |
|  |  | n257 | CA\_n257J |  | |
| CA\_n1A-n8A-n257K | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n8 | 5, 10, 15, 20 |  | |
|  |  | n257 | CA\_n257K |  | |
| CA\_n1A-n8A-n257L | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n8 | 5, 10, 15, 20 |  | |
|  |  | n257 | CA\_n257L |  | |
| CA\_n1A-n8A-n257M | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n8 | 5, 10, 15, 20 |  | |
|  |  | n257 | CA\_n257M |  | |
| CA\_n1A-n28A-n257A | CA\_n1A-n28A  CA\_n1A-n257A  CA\_n28A-n257A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n28A-n257G | CA\_n257G  CA\_n1A-n28A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n28A-n257A  CA\_n28A-n257G | n1 | 5, 10, 15, 20 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n28A-n257H | CA\_n257G  CA\_n257H  CA\_n1A-n28A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H | n1 | 5, 10, 15, 20 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n28A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n1A-n28A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n40A-n258A | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n1A-n40A-n258D | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  |
|  |  | n258 | CA\_n258D |  |
| CA\_n1A-n40A-n258E | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50,60 |  |
|  |  | n258 | CA\_n258E |  |
| CA\_n1A-n40A-n258F | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  |
|  |  | n258 | CA\_n258F |  |
| CA\_n1A-n40A-n258G | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  |
|  |  | n258 | CA\_n258G |  |
| CA\_n1A-n40A-n258H | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  |
|  |  | n258 | CA\_n258H |  |
| CA\_n1A-n40A-n258I | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  |
|  |  | n258 | CA\_n258I |  |
| CA\_n1A-n40A-n258J | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  |
|  |  | n258 | CA\_n258J |  |
| CA\_n1A-n40A-n258K | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  |
|  |  | n258 | CA\_n258K |  |
| CA\_n1A-n40A-n258L | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  |
|  |  | n258 | CA\_n258L |  |
| CA\_n1A-n40A-n258M | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  |
|  |  | n258 | CA\_n258M |  |
| CA\_n1A-n41A-n257A | CA\_n1A-n41A  CA\_n1A-n257A  CA\_n41A-n257A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n41A-n257G | CA\_n257G  CA\_n1A-n41A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n41A-n257A  CA\_n41A-n257G | n1 | 5, 10, 15, 20 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n41A-n257H | CA\_n257G  CA\_n257H  CA\_n1A-n41A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H | n1 | 5, 10, 15, 20 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n41A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n1A-n41A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H  CA\_n41A-n257I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n77A-n257A | CA\_n1A-n77A  CA\_n1A-n257A  CA\_n77A-n257A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n77A-n257G | CA\_n257G  CA\_n1A-n77A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n77A-n257A  CA\_n77A-n257G | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n77A-n257H | CA\_n257G  CA\_n257H  CA\_n1A-n77A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n77A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n1A-n77A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n77A-n257J | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257J |  | |
| CA\_n1A-n77A-n257K | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257K |  | |
| CA\_n1A-n77A-n257L | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257L |  | |
| CA\_n1A-n77A-n257M | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257M |  | |
| CA\_n1A-n77(2A)-n257A | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | 50, 100, 200, 400 |  | |
| CA\_n1A-n77(2A)-n257G | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | CA\_n257G |  | |
| CA\_n1A-n77(2A)-n257H | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | CA\_n257H |  | |
| CA\_n1A-n77(2A)-n257I | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | CA\_n257I |  | |
| CA\_n1A-n77(2A)-n257J | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | CA\_n257J |  | |
| CA\_n1A-n77(2A)-n257K | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | CA\_n257K |  | |
| CA\_n1A-n77(2A)-n257L | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | CA\_n257L |  | |
| CA\_n1A-n77(2A)-n257M | - | n1 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | CA\_n257M |  | |
| CA\_n1A-n78A-n257A | CA\_n1A-n78A  CA\_n1A-n257A  CA\_n78A-n257A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n78A-n257D | - | n1 | 5, 10, 15, 20 | 0 |
| n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257D |
| CA\_n1A-n78A-n257E | - | n1 | 5, 10, 15, 20 | 0 |
| n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257E |
| CA\_n1A-n78A-n257F | - | n1 | 5, 10, 15, 20 | 0 |
| n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257F |
| CA\_n1A-n78A-n257G | CA\_n257G  CA\_n1A-n78A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n78A-n257A  CA\_n78A-n257G | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n78A-n257H | CA\_n257G  CA\_n257H  CA\_n1A-n78A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n78A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n1A-n78A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n78A-n257J | - | n1 | 5, 10, 15, 20 | 0 |
| n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257J |
| CA\_n1A-n78A-n257K | - | n1 | 5, 10, 15, 20 | 0 |
| n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257K |
| CA\_n1A-n78A-n257L | - | n1 | 5, 10, 15, 20 | 0 |
| n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257L |
| CA\_n1A-n78A-n257M | - | n1 | 5, 10, 15, 20 | 0 |
| n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257M |
| CA\_n1A-n78A-n258A | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n1A-n78A-n258D | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258D |  |
| CA\_n1A-n78A-n258E | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258E |  |
| CA\_n1A-n78A-n258F | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258F |  |
| CA\_n1A-n78A-n258G | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258G |  |
| CA\_n1A-n78A-n258H | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258H |  |
| CA\_n1A-n78A-n258I | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258I |  |
| CA\_n1A-n78A-n258J | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258J |  |
| CA\_n1A-n78A-n258K | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258K |  |
| CA\_n1A-n78A-n258L | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258L |  |
| CA\_n1A-n78A-n258M | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258M |  |
| CA\_n1A-n79A-n257A | CA\_n1A-n79A  CA\_n1A-n257A  CA\_n79A-n257A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n79A-n257G | CA\_n257G  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n1 | 5, 10, 15, 20 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n79A-n257H | CA\_n257G  CA\_n257H  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n1 | 5, 10, 15, 20 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n79A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n2A-n5A-n260A | CA\_n2A-n5A  CA\_n2A-n260A  CA\_n5A-n260A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n2A-n5A-n260G | CA\_n2A-n5A  CA\_n2A-n260A  CA\_n5A-n260A  CA\_n2A-n260G  CA\_n5A-n260G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n2A-n5A-n260H | CA\_n2A-n5A  CA\_n2A-n260A  CA\_n5A-n260A  CA\_n2A-n260G  CA\_n5A-n260G  CA\_n2A-n260H  CA\_n5A-n260H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n2A-n5A-n260I | CA\_n2A-n5A  CA\_n2A-n260A  CA\_n5A-n260A  CA\_n2A-n260G  CA\_n5A-n260G  CA\_n2A-n260H  CA\_n5A-n260H  CA\_n2A-n260I  CA\_n5A-n260I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n2A-n5A-n260J | CA\_n2A-n5A  CA\_n2A-n260A  CA\_n5A-n260A  CA\_n2A-n260G  CA\_n5A-n260G  CA\_n2A-n260H  CA\_n5A-n260H  CA\_n2A-n260I  CA\_n5A-n260I  CA\_n2A-n260J  CA\_n5A-n260J | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n2A-n5A-n260K | CA\_n2A-n5A  CA\_n2A-n260A  CA\_n5A-n260A  CA\_n2A-n260G  CA\_n5A-n260G  CA\_n2A-n260H  CA\_n5A-n260H  CA\_n2A-n260I  CA\_n5A-n260I  CA\_n2A-n260J  CA\_n5A-n260J  CA\_n2A-n260K  CA\_n5A-n260K | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n2A-n5A-n260L | CA\_n2A-5A  CA\_n2A-n260A  CA\_n5A-n260A  CA\_n2A-n260G  CA\_n5A-n260G  CA\_n2A-n260H  CA\_n5A-n260H  CA\_n2A-n260I  CA\_n5A-n260I  CA\_n2A-n260J  CA\_n5A-n260J  CA\_n2A-n260K  CA\_n5A-n260K  CA\_n2A-n260L  CA\_n5A-n260L | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n2A-n5A-n260M | CA\_n2A-n5A  CA\_n2A-n260A  CA\_n5A-n260A  CA\_n2A-n260G  CA\_n5A-n260G  CA\_n2A-n260H  CA\_n5A-n260H  CA\_n2A-n260I  CA\_n5A-n260I  CA\_n2A-n260J  CA\_n5A-n260J  CA\_n2A-n260K  CA\_n5A-n260K  CA\_n2A-n260L  CA\_n5A-n260L  CA\_n2A-n260M  CA\_n5A-n260M | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n2A-n30A-n260A | CA\_n2A-n30A  CA\_n2A-n260A  CA\_n30A-n260A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n2A-n30A-n260G | CA\_n2A-n30A  CA\_n2A-n260A  CA\_n30A-n260G  CA\_n2A-n260A  CA\_n30A-n260G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n2A-n30A-n260H | CA\_n2A-n30A  CA\_n2A-n260A  CA\_n30A-n260G  CA\_n2A-n260A  CA\_n30A-n260G  CA\_n2A-n260H  CA\_n30A-n260H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n2A-n30A-n260I | CA\_n2A-n30A  CA\_n2A-n260A  CA\_n30A-n260A  CA\_n2A-n260G  CA\_n30A-n260G  CA\_n2A-n260H  CA\_n30A-n260H  CA\_n2A-n260I  CA\_n30A-n260I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n2A-n30A-n260J | CA\_n2A-n30A  CA\_n2A-n260A  CA\_n30A-n260A  CA\_n2A-n260G  CA\_n30A-n260G  CA\_n2A-n260H  CA\_n30A-n260H  CA\_n2A-n260I  CA\_n30A-n260I  CA\_n2A-n260J  CA\_n30A-n260J | n2 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n2A-n30A-n260K | CA\_n2A-n30A  CA\_n2A-n260A  CA\_n30A-n260A  CA\_n2A-n260G  CA\_n30A-n260G  CA\_n2A-n260H  CA\_n30A-n260H  CA\_n2A-n260I  CA\_n30A-n260I  CA\_n2A-n260J  CA\_n30A-n260J  CA\_n2A-n260K  CA\_n30A-n260K | n2 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n2A-n30A-n260L | CA\_n2A-n30A  CA\_n2A-n260A  CA\_n30A-n260A  CA\_n2A-n260G  CA\_n30A-n260G  CA\_n2A-n260H  CA\_n30A-n260H  CA\_n2A-n260I  CA\_n30A-n260I  CA\_n2A-n260J  CA\_n30A-n260J  CA\_n2A-n260K  CA\_n30A-n260K  CA\_n2A-n260L  CA\_n30A-n260L | n2 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n2A-n30A-n260M | CA\_n2A-n30A  CA\_n2A-n260A  CA\_n30A-n260A  CA\_n2A-n260G  CA\_n30A-n260G  CA\_n2A-n260H  CA\_n30A-n260H  CA\_n2A-n260I  CA\_n30A-n260I  CA\_n2A-n260J  CA\_n30A-n260J  CA\_n2A-n260K  CA\_n30A-n260K  CA\_n2A-n260L  CA\_n30A-n260L  CA\_n2A-n260M  CA\_n30A-n260M | n2 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n2A-n66A-n260A | CA\_n2A-n66A  CA\_n2A-n260A  CA\_n66A-n260A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n2A-n66A-n260G | CA\_n2A-n66A  CA\_n2A-n260A  CA\_n66A-n260A  CA\_n2A-n260G  CA\_n66A-n260G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n2A-n66A-n260H | CA\_n2A-n66A  CA\_n2A-n260A  CA\_n66A-n260A  CA\_n2A-n260G  CA\_n66A-n260G  CA\_n2A-n260H  CA\_n66A-n260H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n2A-n66A-n260I | CA\_n2A-n66A  CA\_n2A-n260A  CA\_n66A-n260A  CA\_n2A-n260G  CA\_n66A-n260G  CA\_n2A-n260H  CA\_n66A-n260H  CA\_n2A-n260I  CA\_n66A-n260I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n2A-n66A-n260J | CA\_n2A-n66A  CA\_n2A-n260A  CA\_n66A-n260A  CA\_n2A-n260G  CA\_n66A-n260G  CA\_n2A-n260H  CA\_n66A-n260H  CA\_n2A-n260I  CA\_n66A-n260I  CA\_n2A-n260J  CA\_n66A-n260J | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n2A-n66A-n260K | CA\_n2A-n66A  CA\_n2A-n260A  CA\_n66A-n260A  CA\_n2A-n260G  CA\_n66A-n260G  CA\_n2A-n260H  CA\_n66A-n260H  CA\_n2A-n260I  CA\_n66A-n260I  CA\_n2A-n260J  CA\_n66A-n260J  CA\_n2A-n260K  CA\_n66A-n260K | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n2A-n66A-n260L | CA\_n2A-n66A  CA\_n2A-n260A  CA\_n66A-n260A  CA\_n2A-n260G  CA\_n66A-n260G  CA\_n2A-n260H  CA\_n66A-n260H  CA\_n2A-n260I  CA\_n66A-n260I  CA\_n2A-n260J  CA\_n66A-n260J  CA\_n2A-n260K  CA\_n66A-n260K  CA\_n2A-n260L  CA\_n66A-n260L | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n2A-n66A-n260M | CA\_n2A-n66A  CA\_n2A-n260A  CA\_n66A-n260A  CA\_n2A-n260G  CA\_n66A-n260G  CA\_n2A-n260H  CA\_n66A-n260H  CA\_n2A-n260I  CA\_n66A-n260I  CA\_n2A-n260J  CA\_n66A-n260J  CA\_n2A-n260K  CA\_n66A-n260K  CA\_n2A-n260L  CA\_n66A-n260L  CA\_n2A-n260M  CA\_n66A-n260M | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n2A-n77A-n260A | CA\_n2A-n77A  CA\_n77A-n260A  CA\_n2A-n260A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n2A-n77A-n260G | CA\_n2A-n77A  CA\_n2A-n260A  CA\_n2A-n260G  CA\_n77A-n260A  CA\_n77A-n260G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n2A-n77A-n260H | CA\_n2A-n77A  CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n2A-n77A-n260I | CA\_n2A-n77A  CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n2A-n77A-n260J | CA\_n2A-n77A  CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n2A-n77A-n260K | CA\_n2A-n77A  CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n2A-n77A-n260L | CA\_n2A-n77A  CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n2A-n77A-n260M | CA\_n2A-n77A  CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n2A-n77A-n261A | CA\_n77A-n261A  CA\_n2A-n261A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n2A-n77A-n261G | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n77A-n261A  CA\_n77A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261G |  |
| CA\_n2A-n77A-n261H | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261H |  |
| CA\_n2A-n77A-n261I | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261I |  |
| CA\_n2A-n77A-n261J | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261J |  |
| CA\_n2A-n77A-n261K | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261K |  |
| CA\_n2A-n77A-n261L | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261L |  |
| CA\_n2A-n77A-n261M | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261M |  |
| CA\_n3A-n7A-n258A | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n3A-n7A-n258B | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258B |  |
| CA\_n3A-n7A-n258C | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258C |  |
| CA\_n3A-n7A-n258D | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258D |  |
| CA\_n3A-n7A-n258E | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258E |  |
| CA\_n3A-n7A-n258F | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258F |  |
| CA\_n3A-n7A-n258G | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258G |  |
| CA\_n3A-n7A-n258H | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258H |  |
| CA\_n3A-n7A-n258I | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258I |  |
| CA\_n3A-n7A-n258J | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258J |  |
| CA\_n3A-n7A-n258K | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258K |  |
| CA\_n3A-n7A-n258L | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258L |  |
| CA\_n3A-n7A-n258M | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258M |  |
| CA\_n3A-n7B-n258A | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n3A-n7B-n258B | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258B |  |
| CA\_n3A-n7B-n258C | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258C |  |
| CA\_n3A-n7B-n258D | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258D |  |
| CA\_n3A-n7B-n258E | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258E |  |
| CA\_n3A-n7B-n258F | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258F |  |
| CA\_n3A-n7B-n258G | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258G |  |
| CA\_n3A-n7B-n258H | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258H |  |
| CA\_n3A-n7B-n258I | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258I |  |
| CA\_n3A-n7B-n258J | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258J |  |
| CA\_n3A-n7B-n258K | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258K |  |
| CA\_n3A-n7B-n258L | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258L |  |
| CA\_n3A-n7B-n258M | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258M |  |
| CA\_n3A-n8A-n257A | - | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | n8 | 5, 10, 15, 20 |  | |
|  |  | n257 | 50, 100, 200, 400 |  | |
| CA\_n3A-n8A-n257G | - | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | n8 | 5, 10, 15, 20 |  | |
|  |  | n257 | CA\_n257G |  | |
| CA\_n3A-n8A-n257H | - | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | n8 | 5, 10, 15, 20 |  | |
|  |  | n257 | CA\_n257H |  | |
| CA\_n3A-n8A-n257I | - | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | n8 | 5, 10, 15, 20 |  | |
|  |  | n257 | CA\_n257I |  | |
| CA\_n3A-n8A-n257J | - | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | n8 | 5, 10, 15, 20 |  | |
|  |  | n257 | CA\_n257J |  | |
| CA\_n3A-n8A-n257K | - | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | n8 | 5, 10, 15, 20 |  | |
|  |  | n257 | CA\_n257K |  | |
| CA\_n3A-n8A-n257L | - | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | n8 | 5, 10, 15, 20 |  | |
|  |  | n257 | CA\_n257L |  | |
| CA\_n3A-n8A-n257M | - | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | n8 | 5, 10, 15, 20 |  | |
|  |  | n257 | CA\_n257M |  | |
| CA\_n3A-n28A-n257A | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n28A-n77A  CA\_n3A-n28A  CA\_n3A-n257A  CA\_n28A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n28A-n257D | CA\_n3A-n28A  CA\_n3A-n257A  CA\_n3A-n257D  CA\_n28A-n257A  CA\_n28A-n257D | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n3A-n28A-n257G | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n28A-n77A  CA\_n3A-n28A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n28A-n257A  CA\_n28A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n28A-n257H | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n28A-n77A  CA\_n3A-n28A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n28A-n257I | CA\_n3A-n28A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n41A-n257A | - | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n41A-n257G | - | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n41A-n257H | - | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n41A-n257I | - | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n77A-n257A | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n77A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n77A-n257D | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257D  CA\_n77A-n257A  CA\_n77A-n257D | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n3A-n77A-n257G | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n77A-n257A  CA\_n77A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n77A-n257H | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n77A-n257I | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n77A-n257J | - | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257J |  | |
| CA\_n3A-n77A-n257K | - | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257K |  | |
| CA\_n3A-n77A-n257L | - | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257L |  | |
| CA\_n3A-n77A-n257M | - | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257M |  | |
| CA\_n3A-n77(2A)-n257A | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n77A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n77(2A)-n257D | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257D  CA\_n77A-n257A  CA\_n77A-n257D | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n3A-n77(2A)-n257G | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257D  CA\_n3A-n257G  CA\_n77A-n257A  CA\_n77A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n77(2A)-n257H | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n77(2A)-n257I | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n77(2A)-n257J | - | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | CA\_n257J |  | |
| CA\_n3A-n77(2A)-n257K | - | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | CA\_n257K |  | |
| CA\_n3A-n77(2A)-n257L | - | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | CA\_n257L |  | |
| CA\_n3A-n77(2A)-n257M | - | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | CA\_n257M |  | |
| CA\_n3A-n77(3A)-n257A | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n77(3A)-n257D | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n3A-n77(3A)-n257G | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n77(3A)-n257H | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n77(3A)-n257I | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n78A-n257A | CA\_n3A-n78A  CA\_n3A-n257A  CA\_n78A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n78A-n257D | CA\_n3A-n78A  CA\_n3A-n257A  CA\_n3A-n257D  CA\_n78A-n257A  CA\_n78A-n257D | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n3A-n78A-n257G | CA\_n3A-n78A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n78A-n257A  CA\_n78A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n78A-n257H | CA\_n3A-n78A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n78A-n257I | CA\_n3A-n78A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n78A-n258A | CA\_n3A-n258A  CA\_n78A-n258A  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n3A-n78A-n258B | CA\_n3A-n258A  CA\_n78A-n258A  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258B |  |
| CA\_n3A-n78A-n258C | CA\_n3A-n258A  CA\_n78A-n258A  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258C |  |
| CA\_n3A-n78A-n258D | CA\_n3A-n258A  CA\_n78A-n258A  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258D |  |
| CA\_n3A-n78A-n258E | CA\_n3A-n258A  CA\_n78A-n258A  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258E |  |
| CA\_n3A-n78A-n258F | CA\_n3A-n258A  CA\_n78A-n258A  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258F |  |
| CA\_n3A-n78A-n258G | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258G |  |
| CA\_n3A-n78A-n258H | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258H |  |
| CA\_n3A-n78A-n258I | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258I |  |
| CA\_n3A-n78A-n258J | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258J |  |
| CA\_n3A-n78A-n258K | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258K |  |
| CA\_n3A-n78A-n258L | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258L |  |
| CA\_n3A-n78A-n258M | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258M |  |
| CA\_n3A-n79A-n257A | CA\_n3A-n79A  CA\_n3A-n257A  CA\_n79A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n79A-n257G | CA\_n257G  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n79A-n257H | CA\_n257G  CA\_n257H  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n79A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n5A-n30A-n260A | CA\_n5A-n30A  CA\_n5A-n260A  CA\_n30A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n5A-n30A-n260G | CA\_n5A-n30A  CA\_n5A-n260A  CA\_n30A-n260A  CA\_n5A-n260G  CA\_n30A-n260G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n5A-n30A-n260H | CA\_n5A-n30A  CA\_n5A-n260A  CA\_n30A-n260A  CA\_n5A-n260G  CA\_n30A-n260G  CA\_n5A-n260H  CA\_n30A-n260H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n5A-n30A-n260I | CA\_n5A-n30A  CA\_n5A-n260A  CA\_n30A-n260A  CA\_n5A-n260G  CA\_n30A-n260G  CA\_n5A-n260H  CA\_n30A-n260H  CA\_n5A-n260I  CA\_n30A-n260I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n5A-n30A-n260J | CA\_n5A-n30A  CA\_n5A-n260A  CA\_n30A-n260A  CA\_n5A-n260G  CA\_n30A-n260G  CA\_n5A-n260H  CA\_n30A-n260H  CA\_n5A-n260I  CA\_n30A-n260I  CA\_n5A-n260J  CA\_n30A-n260J | n5 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n5A-n30A-n260K | CA\_n5A-n30A  CA\_n5A-n260A  CA\_n30A-n260A  CA\_n5A-n260G  CA\_n30A-n260G  CA\_n5A-n260H  CA\_n30A-n260H  CA\_n5A-n260I  CA\_n30A-n260I  CA\_n5A-n260J  CA\_n30An260J  CA\_n5A-n260K  CA\_n30A-n260K | n5 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n5A-n30A-n260L | CA\_n5A-n30A  CA\_n5A-n260A  CA\_n30A-n260A  CA\_n5A-n260G  CA\_n30A-n260G  CA\_n5A-n260H  CA\_n30A-n260H  CA\_n5A-n260I  CA\_n30A-n260I  CA\_n5A-n260J  CA\_n30A-n260J  CA\_n5A-n260K  CA\_n30A-n260K  CA\_n5A-n260L  CA\_n30A-n260L | n5 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n5A-n30A-n260M | CA\_n5A-n30A  CA\_n5A-n260A  CA\_n30A-n260A  CA\_n5A-n260G  CA\_n30A-n260G  CA\_n5A-n260H  CA\_n30A-n260H  CA\_n5A-n260I  CA\_n30A-n260I  CA\_n5A-n260J  CA\_n30A-n260J  CA\_n5A-n260K  CA\_n30A-n260K  CA\_n5A-n260L  CA\_n30A-n260L  CA\_n5A-n260M  CA\_n30A-n260M | n5 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n5A-n66A-n260A | CA\_n5A-n66A  CA\_n5A-n260A  CA\_n66A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n5A-n66A-n260G | CA\_n5A-n66A  CA\_n5A-n260A  CA\_n66A-n260A  CA\_n5A-n260G  CA\_n66A-n260G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n5A-n66A-n260H | CA\_n5A-n66A  CA\_n5A-n260A  CA\_n66A-n260A  CA\_n5A-n260G  CA\_n66A-n260G  CA\_n5A-n260H  CA\_n66A-n260H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n5A-n66A-n260I | CA\_n5A-n66A  CA\_n5A-n260A  CA\_n66A-n260A  CA\_n5A-n260G  CA\_n66A-n260G  CA\_n5A-n260H  CA\_n66A-n260H  CA\_n5A-n260I  CA\_n66A-n260I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n5A-n66A-n260J | CA\_n5A-n66A  CA\_n5A-n260A  CA\_n66A-n260A  CA\_n5A-n260G  CA\_n66A-n260G  CA\_n5A-n260H  CA\_n66A-n260H  CA\_n5A-n260I  CA\_n66A-n260I  CA\_n5A-n260J  CA\_n66A-n260J | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n5A-n66A-n260K | CA\_n5A-n66A  CA\_n5A-n260A  CA\_n66A-n260A  CA\_n5A-n260G  CA\_n66A-n260G  CA\_n5A-n260H  CA\_n66A-n260H  CA\_n5A-n260I  CA\_n66A-n260I  CA\_n5A-n260J  CA\_n66A-n260J  CA\_n5A-n260K  CA\_n66A-n260K | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n5A-n66A-n260L | CA\_n5A-n66A  CA\_n5A-n260A  CA\_n66A-n260A  CA\_n5A-n260G  CA\_n66A-n260G  CA\_n5A-n260H  CA\_n66A-n260H  CA\_n5A-n260I  CA\_n66A-n260I  CA\_n5A-n260J  CA\_n66A-n260J  CA\_n5A-n260K  CA\_n66A-n260K  CA\_n5A-n260L  CA\_n66A-n260L | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n5A-n66A-n260M | CA\_n5A-n66A  CA\_n5A-n260A  CA\_n66A-n260A  CA\_n5A-n260G  CA\_n66A-n260G  CA\_n5A-n260H  CA\_n66A-n260H  CA\_n5A-n260I  CA\_n66A-n260I  CA\_n5A-n260J  CA\_n66A-n260J  CA\_n5A-n260K  CA\_n66A-n260K  CA\_n5A-n260L  CA\_n66A-n260L  CA\_n5A-n260M  CA\_n66A-n260M | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n5A-n77A-n260A | CA\_n5A-n77A  CA\_n77A-n260A  CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n5A-n77A-n260G | CA\_n5A-n77A  CA\_n5A-n260A  CA\_n5A-n260G  CA\_n77A-n260A  CA\_n77A-n260G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n5A-n77A-n260H | CA\_n5A-n77A  CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n5A-n77A-n260I | CA\_n5A-n77A  CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n5A-n77A-n260J | CA\_n5A-n77A  CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n5A-n77A-n260K | CA\_n5A-n77A  CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n5A-n77A-n260L | CA\_n5A-n77A  CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n5A-n77A-n260M | CA\_n5A-n77A  CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n5A-n77A-n261A | CA\_n77A-n261A  CA\_n5A-n261A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n5A-n77A-n261G | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n77A-n261A  CA\_n77A-n261G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261G |  |
| CA\_n5A-n77A-n261H | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261H |  |
| CA\_n5A-n77A-n261I | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261I |  |
| CA\_n5A-n77A-n261J | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261J |  |
| CA\_n5A-n77A-n261K | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261K |  |
| CA\_n5A-n77A-n261L | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261L |  |
| CA\_n5A-n77A-n261M | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261M |  |
| CA\_n7A-n78A-n258A | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n78A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
|  |  | n258 | 50, 100, 200, 400 |
| CA\_n7A-n78A-n258B | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258B  CA\_n78A-n258A  CA\_n78A-n258B | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258B |  |
| CA\_n7A-n78A-n258C | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258B  CA\_n7A-n258C  CA\_n78A-n258A  CA\_n78A-n258B  CA\_n78A-n258C | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258C |  |
| CA\_n7A-n78A-n258D | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258D  CA\_n78A-n258A  CA\_n78A-n258D | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
|  |  | n258 | CA\_n258D |
| CA\_n7A-n78A-n258E | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258D  CA\_n7A-n258E  CA\_n78A-n258A  CA\_n78A-n258D  CA\_n78A-n258E | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258E |  |
| CA\_n7A-n78A-n258F | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258D  CA\_n7A-n258E  CA\_n7A-n258F  CA\_n78A-n258A  CA\_n78A-n258D  CA\_n78A-n258E  CA\_n78A-n258F | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
|  |  | n258 | CA\_n258F |
| CA\_n7A-n78A-n258G | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n78A-n258A  CA\_n78A-n258G | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258G |  |
| CA\_n7A-n78A-n258H | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n78A-n258G  CA\_n78A-n258H | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
|  |  | n258 | CA\_n258H |
| CA\_n7A-n78A-n258I | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258I |  |
| CA\_n7A-n78A-n258J | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n7A-n258J  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258J |  |
| CA\_n7A-n78A-n258K | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n7A-n258J  CA\_n7A-n258K  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
|  |  | n258 | CA\_n258K |
| CA\_n7A-n78A-n258L | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n7A-n258J  CA\_n7A-n258K  CA\_n7A-n258L  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K  CA\_n78A-n258L | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258L |  |
| CA\_n7A-n78A-n258M | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n7A-n258J  CA\_n7A-n258K  CA\_n7A-n258L  CA\_n7A-n258M  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K  CA\_n78A-n258L  CA\_n78A-n258M | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258M |  |
| CA\_n7B-n78A-n258A | CA\_n7B-n78A  CA\_n7B-n258A  CA\_n78A-n258A | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258A |  |
| CA\_n7B-n78A-n258B | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258B  CA\_n78A-n258A  CA\_n78A-n258B | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258B |  |
| CA\_n7B-n78A-n258C | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258B  CA\_n7B-n258C  CA\_n78A-n258A  CA\_n78A-n258B  CA\_n78A-n258C | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258C |  |
| CA\_n7B-n78A-n258D | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258D  CA\_n78A-n258A  CA\_n78A-n258D | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258D |  |
| CA\_n7B-n78A-n258E | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258D  CA\_n7B-n258E  CA\_n78A-n258A  CA\_n78A-n258D  CA\_n78A-n258E | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258E |  |
| CA\_n7B-n78A-n258F | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258D  CA\_n7B-n258E  CA\_n7B-n258F  CA\_n78A-n258A  CA\_n78A-n258D  CA\_n78A-n258E  CA\_n78A-n258F | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258F |  |
| CA\_n7B-n78A-n258G | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258G  CA\_n78A-n258A  CA\_n78A-n258G | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258G |  |
| CA\_n7B-n78A-n258H | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258G  CA\_n7B-n258H  CA\_n78A-n258G  CA\_n78A-n258H | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258H |  |
| CA\_n7B-n78A-n258I | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258G  CA\_n7B-n258H  CA\_n7B-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258 | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258I |  |
| CA\_n7B-n78A-n258J | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258G  CA\_n7B-n258H  CA\_n7B-n258I  CA\_n7B-n258J  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258J |  |
| CA\_n7B-n78A-n258K | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258G  CA\_n7B-n258H  CA\_n7B-n258I  CA\_n7B-n258J  CA\_n7B-n258K  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258K |  |
| CA\_n7B-n78A-n258L | CA\_n7B  CA\_n7B-n258A  CA\_n7B-n258G  CA\_n7B-n258H  CA\_n7B-n258I  CA\_n7B-n258J  CA\_n7B-n258K  CA\_n7B-n258L  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K  CA\_n78A-n258L | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258L |  |
| CA\_n7B-n78A-n258M | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258G  CA\_n7B-n258H  CA\_n7B-n258I  CA\_n7B-n258J  CA\_n7B-n258K  CA\_n7B-n258L  CA\_n7B-n258M  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K  CA\_n78A-n258L  CA\_n78A-n258M | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258M |  |
| CA\_n8A-n77A-n257A | - | n8 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | 50, 100, 200, 400 |  | |
| CA\_n8A-n77A-n257G | - | n8 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257G |  | |
| CA\_n8A-n77A-n257H | - | n8 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257H |  | |
| CA\_n8A-n77A-n257I | - | n8 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257I |  | |
| CA\_n8A-n77A-n257J | - | n8 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257J |  | |
| CA\_n8A-n77A-n257K | - | n8 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257K |  | |
| CA\_n8A-n77A-n257L | - | n8 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257L |  | |
| CA\_n8A-n77A-n257M | - | n8 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257M |  | |
| CA\_n8A-n77(2A)-n257A | - | n8 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | 50, 100, 200, 400 |  | |
| CA\_n8A-n77(2A)-n257G | - | n8 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | CA\_n257G |  | |
| CA\_n8A-n77(2A)-n257H | - | n8 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | CA\_n257H |  | |
| CA\_n8A-n77(2A)-n257I | - | n8 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | CA\_n257I |  | |
| CA\_n8A-n77(2A)-n257J | - | n8 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | CA\_n257J |  | |
| CA\_n8A-n77(2A)-n257K | - | n8 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | CA\_n257K |  | |
| CA\_n8A-n77(2A)-n257L | - | n8 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | CA\_n257L |  | |
| CA\_n8A-n77(2A)-n257M | - | n8 | 5, 10, 15, 20 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | CA\_n257M |  | |
| CA\_n25A-n41A-n260A | CA\_n25A-n260A CA\_n41A-n260A | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n25A-n41A-n260G | CA\_n25A-n260A CA\_n41A-n260A | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n25A-n41A-n260H | CA\_n25A-n260A CA\_n41A-n260A | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n25A-n41A-n260I | CA\_n25A-n260A CA\_n41A-n260A | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n25A-n41A-n260(2A) | CA\_n25A-n260A CA\_n41A-n260A | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260(2A) |  |
| CA\_n28A-n41A-n257A | - | n28 | 5, 10 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n28A-n41A-n257G | - | n28 | 5, 10 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n28A-n41A-n257H | - | n28 | 5, 10 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n28A-n41A-n257I | - | n28 | 5, 10 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n28A-n77A-n257A | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n77A-n257A | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n28A-n77A-n257D | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257D  CA\_n77A-n257A  CA\_n77A-n257D | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n28A-n77A-n257G | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n77A-n257A  CA\_n77A-n257G | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n28A-n77A-n257H | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n28A-n77A-n257I | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n28A-n77(2A)-n257A | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n77A-n257A | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n28A-n77(2A)-n257D | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257D  CA\_n77A-n257A  CA\_n77A-n257D | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n28A-n77(2A)-n257G | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n77A-n257A  CA\_n77A-n257G | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n28A-n77(2A)-n257H | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n28A-n77(2A)-n257I | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n28A-n77(3A)-n257A | - | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n28A-n77(3A)-n257G | - | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n28A-n77(3A)-n257H | - | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n28A-n77(3A)-n257I | - | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n28A-n78A-n257A | CA\_n28A-n78A  CA\_n28A-n257A  CA\_n78A-n257A | n28 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n28A-n78A-n257D | CA\_n28A-n78A  CA\_n28A-n257A  CA\_n28A-n257D  CA\_n78A-n257A  CA\_n78A-n257D | n28 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n28A-n78A-n257G | CA\_n28A-n78A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n78A-n257A  CA\_n78A-n257G | n28 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n28A-n78A-n257H | CA\_n28A-n78A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H | n28 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n28A-n78A-n257I | CA\_n28A-n78A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n28 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n28A-n79A-n257A | CA\_n28A-n79A  CA\_n28A-n257A  CA\_n79A-n257A | n28 | 5, 10, 15, 20, 30 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n28A-n79A-n257G | CA\_n257G  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n28 | 5, 10, 15, 20, 30 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n28A-n79A-n257H | CA\_n257G  CA\_n257H  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n28 | 5, 10, 15, 20, 30 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n28A-n79A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n28 | 5, 10, 15, 20, 30 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n30A-n66A-n260A | CA\_n30A-n66A  CA\_n30A-n260A  CA\_n66A-n260A | n30 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n30A-n66A-n260G | CA\_n30A-n66A  CA\_n30A-n260A  CA\_n66A-n260A  CA\_n30A-n260G  CA\_n66A-n260G | n30 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n30A-n66A-n260H | CA\_n30A-n66A  CA\_n30A-n260A  CA\_n66A-n260A  CA\_n30A-n260G  CA\_n66A-n260G  CA\_n30A-n260H  CA\_n66A-n260H | n30 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n30A-n66A-n260I | CA\_n30A-n66A  CA\_n30A-n260A  CA\_n66A-n260A  CA\_n30A-n260G  CA\_n66A-n260G  CA\_n30A-n260H  CA\_n66A-n260H  CA\_n30A-n260I  CA\_n66A-n260I | n30 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n30A-n66A-n260J | CA\_n30A-n66A  CA\_n30A-n260A  CA\_n66A-n260A  CA\_n30A-n260G  CA\_n66A-n260G  CA\_n30A-n260H  CA\_n66A-n260H  CA\_n30A-n260I  CA\_n66A-n260I  CA\_n30A-n260J  CA\_n66A-n260J | n30 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n30A-n66A-n260K | CA\_n30A-n66A  CA\_n30A-n260A  CA\_n66A-n260A  CA\_n30A-n260G  CA\_n66A-n260G  CA\_n30A-n260H  CA\_n66A-n260H  CA\_n30A-n260I  CA\_n66A-n260I  CA\_n30A-n260J  CA\_n66A-n260J  CA\_n30A-n260K  CA\_n66A-n260K | n30 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n30A-n66A-n260L | CA\_n30A-n66A  CA\_n30A-n260A  CA\_n66A-n260A  CA\_n30A-n260G  CA\_n66A-n260G  CA\_n30A-n260H  CA\_n66A-n260H  CA\_n30A-n260I  CA\_n66A-n260I  CA\_n30A-n260J  CA\_n66A-n260J  CA\_n30A-n260K  CA\_n66A-n260K  CA\_n30A-n260L  CA\_n66A-n260L | n30 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n30A-n66A-n260M | CA\_n30A-n66A  CA\_n30A-n260A  CA\_n66A-n260A  CA\_n30A-n260G  CA\_n66A-n260G  CA\_n30A-n260H  CA\_n66A-n260H  CA\_n30A-n260I  CA\_n66A-n260I  CA\_n30A-n260J  CA\_n66A-n260J  CA\_n30A-n260K  CA\_n66A-n260K  CA\_n30A-n260L  CA\_n66A-n260L  CA\_n30A-n260M  CA\_n66A-n260M | n30 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n40A-n41A-n258A | CA\_n40A-n41A  CA\_n40A-n258A  CA\_n41A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n258 | 50, 100, 200, 400 |  | |
| CA\_n40A-n77A-n257A | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | 50, 100, 200, 400 |  | |
| CA\_n40A-n77A-n257D | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257D |  | |
| CA\_n40A-n77A-n257E | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257E |  | |
| CA\_n40A-n77A-n257F | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257F |  | |
| CA\_n40A-n77A-n257G | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257G |  | |
| CA\_n40A-n77A-n257H | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257H |  | |
| CA\_n40A-n77A-n257I | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257I |  | |
| CA\_n40A-n77A-n257J | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257J |  | |
| CA\_n40A-n77A-n257K | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257K |  | |
| CA\_n40A-n77A-n257L | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257L |  | |
| CA\_n40A-n77A-n257M | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257M |  | |
| CA\_n40A-n77C-n257A | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | 50, 100, 200, 400 |  | |
| CA\_n40A-n77C-n257D | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | CA\_n257D |  | |
| CA\_n40A-n77C-n257E | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | CA\_n257E |  | |
| CA\_n40A-n77C-n257F | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | CA\_n257F |  | |
| CA\_n40A-n77C-n257G | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | CA\_n257G |  | |
| CA\_n40A-n77C-n257H | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | CA\_n257H |  | |
| CA\_n40A-n77C-n257I | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | CA\_n257I |  | |
| CA\_n40A-n77C-n257J | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | CA\_n257J |  | |
| CA\_n40A-n77C-n257K | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | CA\_n257K |  | |
| CA\_n40A-n77C-n257L | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | CA\_n257L |  | |
| CA\_n40A-n77C-n257M | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | CA\_n257M |  | |
| CA\_n40B-n77A-n257A | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | 50, 100, 200, 400 |  | |
| CA\_n40B-n77A-n257D | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257D |  | |
| CA\_n40B-n77A-n257E | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257E |  | |
| CA\_n40B-n77A-n257F | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257F |  | |
| CA\_n40B-n77A-n257G | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257G |  | |
| CA\_n40B-n77A-n257H | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257H |  | |
| CA\_n40B-n77A-n257I | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257I |  | |
| CA\_n40B-n77A-n257J | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257J |  | |
| CA\_n40B-n77A-n257K | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257K |  | |
| CA\_n40B-n77A-n257L | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257L |  | |
| CA\_n40B-n77A-n257M | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257M |  | |
| CA\_n40B-n77C-n257A | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | 50, 100, 200, 400 |  | |
| CA\_n40B-n77C-n257D | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | CA\_n257D |  | |
| CA\_n40B-n77C-n257E | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | CA\_n257E |  | |
| CA\_n40B-n77C-n257F | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | CA\_n257F |  | |
| CA\_n40B-n77C-n257G | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | CA\_n257G |  | |
| CA\_n40B-n77C-n257H | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | CA\_n257H |  | |
| CA\_n40B-n77C-n257I | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | CA\_n257I |  | |
| CA\_n40B-n77C-n257J | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | CA\_n257J |  | |
| CA\_n40B-n77C-n257K | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | CA\_n257K |  | |
| CA\_n40B-n77C-n257L | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | CA\_n257L |  | |
| CA\_n40B-n77C-n257M | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 | |
|  |  | n77 | CA\_n77C |  | |
|  |  | n257 | CA\_n257M |  | |
| CA\_n40A-n78A-n257A | CA\_n40A  CA\_n78A  CA\_n40A-n257A  CA\_n78A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257A |  | |
| CA\_n40A-n78A-n257D | CA\_n40A  CA\_n78A  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n78A-n257A  CA\_n78A-n257D | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257D |  | |
| CA\_n40A-n78A-n257E | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257E |  | |
| CA\_n40A-n78A-n257F | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257F |  | |
| CA\_n40A-n78A-n257G | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257G |  | |
| CA\_n40A-n78A-n257H | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257H |  | |
| CA\_n40A-n78A-n257I | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257I |  | |
| CA\_n40A-n78A-n257J | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-N257J  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-N257J | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257J |  | |
| CA\_n40A-n78A-n257K | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J  CA\_n40A-n257K | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257K |  | |
| CA\_n40A-n78A-n257L | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n78A-n257L  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J  CA\_n40A-n257K  CA\_n40A-n257L | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257L |  | |
| CA\_n40A-n78A-n257M | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n78A-n257L  CA\_n78A-n257M  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J  CA\_n40A-n257K  CA\_n40A-n257L  CA\_n40A-n257M | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257M |  | |
| CA\_n40A-n78C-n257A | CA\_n40A  CA\_n78A  CA\_n40A-n257A  CA\_n78A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78C |  | |
|  |  | n257 | CA\_n257A |  | |
| CA\_n40A-n78C-n257D | CA\_n40A  CA\_n78A  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n78A-n257A  CA\_n78A-n257D | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78C |  | |
|  |  | n257 | CA\_n257D |  | |
| CA\_n40A-n78C-n257E | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78C |  | |
|  |  | n257 | CA\_n257E |  | |
| CA\_n40A-n78C-n257F | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78C |  | |
|  |  | n257 | CA\_n257F |  | |
| CA\_n40A-n78C-n257G | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78C |  | |
|  |  | n257 | CA\_n257G |  | |
| CA\_n40A-n78C-n257H | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78C |  | |
|  |  | n257 | CA\_n257H |  | |
| CA\_n40A-n78C-n257I | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78C |  | |
|  |  | n257 | CA\_n257I |  | |
| CA\_n40A-n78C-n257J | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-N257J  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-N257J | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78C |  | |
|  |  | n257 | CA\_n257J |  | |
| CA\_n40A-n78C-n257K | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J  CA\_n40A-n257K | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78C |  | |
|  |  | n257 | CA\_n257K |  | |
| CA\_n40A-n78C-n257L | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n78A-n257L  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J  CA\_n40A-n257K  CA\_n40A-n257L | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78C |  | |
|  |  | n257 | CA\_n257L |  | |
| CA\_n40A-n78C-n257M | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n78A-n257L  CA\_n78A-n257M  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J  CA\_n40A-n257K  CA\_n40A-n257L  CA\_n40A-n257M | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78C |  | |
|  |  | n257 | CA\_n257M |  | |
| CA\_n40A-n78(2A)-n257A | CA\_n40A  CA\_n78A  CA\_n40A-n257A  CA\_n78A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | 50, 100, 200, 400 |  | |
| CA\_n40A-n78(2A)-n257D | CA\_n40A  CA\_n78A  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n78A-n257A  CA\_n78A-n257D | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | CA\_n257D |  | |
| CA\_n40A-n78(2A)-n257E | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | CA\_n257E |  | |
| CA\_n40A-n78(2A)-n257F | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | CA\_n257F |  | |
| CA\_n40A-n78(2A)-n257G | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | CA\_n257G |  | |
| CA\_n40A-n78(2A)-n257H | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | CA\_n257H |  | |
| CA\_n40A-n78(2A)-n257I | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | CA\_n257I |  | |
| CA\_n40A-n78(2A)-n257J | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-N257J  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | CA\_n257J |  | |
| CA\_n40A-n78(2A)-n257K | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J  CA\_n40A-n257K | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | CA\_n257K |  | |
| CA\_n40A-n78(2A)-n257L | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n78A-n257L  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J  CA\_n40A-n257K  CA\_n40A-n257L | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | CA\_n257L |  | |
| CA\_n40A-n78(2A)-n257M | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n78A-n257L  CA\_n78A-n257M  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J  CA\_n40A-n257K  CA\_n40A-n257L  CA\_n40A-n257M | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | CA\_n257M |  | |
| CA\_n40B-n78A-n257A | CA\_n40B  CA\_n78A  CA\_n40B-n257A  CA\_n78A-n257A | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | 50, 100, 200, 400 |  | |
| CA\_n40B-n78A-n257D | CA\_n40B  CA\_n78A  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n78A-n257A  CA\_n78A-n257D | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257D |  | |
| CA\_n40B-n78A-n257E | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257E |  | |
| CA\_n40B-n78A-n257F | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257F |  | |
| CA\_n40B-n78A-n257G | CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257G |  | |
| CA\_n40B-n78A-n257H | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257H |  | |
| CA\_n40B-n78A-n257I | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257I |  | |
| CA\_n40B-n78A-n257J | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-N257J  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257J |  | |
| CA\_n40B-n78A-n257K | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J  CA\_n40B-n257K | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257K |  | |
| CA\_n40B-n78A-n257L | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n78A-n257L  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J  CA\_n40B-n257K  CA\_n40B-n257L | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257L |  | |
| CA\_n40B-n78A-n257M | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n78A-n257L  CA\_n78A-n257M  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J  CA\_n40B-n257K  CA\_n40B-n257L  CA\_n40B-n257M | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257M |  | |
| CA\_n40B-n78(2A)-n257A | CA\_n40B  CA\_n78A  CA\_n40B-n257A  CA\_n78A-n257A | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | 50, 100, 200, 400 |  | |
| CA\_n40B-n78(2A)-n257D | CA\_n40B  CA\_n78A  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n78A-n257A  CA\_n78A-n257D | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | CA\_n257D |  | |
| CA\_n40B-n78(2A)-n257E | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | CA\_n257E |  | |
| CA\_n40B-n78(2A)-n257F | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | CA\_n257F |  | |
| CA\_n40B-n78(2A)-n257G | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | CA\_n257G |  | |
| CA\_n40B-n78(2A)-n257H | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | CA\_n257H |  | |
| CA\_n40B-n78(2A)-n257I | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | CA\_n257I |  | |
| CA\_n40B-n78(2A)-n257J | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-N257J  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | CA\_n257J |  | |
| CA\_n40B-n78(2A)-n257K | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J  CA\_n40B-n257K | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | CA\_n257K |  | |
| CA\_n40B-n78(2A)-n257L | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n78A-n257L  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J  CA\_n40B-n257K  CA\_n40B-n257L | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | CA\_n257L |  | |
| CA\_n40B-n78(2A)-n257M | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n78A-n257L  CA\_n78A-n257M  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J  CA\_n40B-n257K  CA\_n40B-n257L  CA\_n40B-n257M | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  | |
|  |  | n257 | CA\_n257M |  | |
| CA\_n40B-n78C-n257A | CA\_n40B  CA\_n78C  CA\_n40B-n257A  CA\_n78C-n257A | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78C\_BCS1 |  | |
|  |  | n257 | 50, 100, 200, 400 |  | |
| CA\_n40B-n78C-n257D | CA\_n40B  CA\_n78C  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n78C-n257A  CA\_n78C-n257D | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78C\_BCS1 |  | |
|  |  | n257 | CA\_n257D |  | |
| CA\_n40B-n78C-n257E | CA\_n40B  CA\_n78C  CA\_n78C-n257A  CA\_n78C-n257D  CA\_n78C-n257E  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78C\_BCS1 |  | |
|  |  | n257 | CA\_n257E |  | |
| CA\_n40B-n78C-n257F | CA\_n40B  CA\_n78C  CA\_n78C-n257A  CA\_n78C-n257D  CA\_n78C-n257E  CA\_n78C-n257F  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78C\_BCS1 |  | |
|  |  | n257 | CA\_n257F |  | |
| CA\_n40B-n78C-n257G | CA\_n40B  CA\_n78C  CA\_n78C-n257A  CA\_n78C-n257D  CA\_n78C-n257E  CA\_n78C-n257F  CA\_n78C-n257G  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78C\_BCS1 |  | |
|  |  | n257 | CA\_n257G |  | |
| CA\_n40B-n78C-n257H | CA\_n40B  CA\_n78C  CA\_n78C-n257A  CA\_n78C-n257D  CA\_n78C-n257E  CA\_n78C-n257F  CA\_n78C-n257G  CA\_n78C-n257H  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78C\_BCS1 |  | |
|  |  | n257 | CA\_n257H |  | |
| CA\_n40B-n78C-n257I | CA\_n40B  CA\_n78C  CA\_n78C-n257A  CA\_n78C-n257D  CA\_n78C-n257E  CA\_n78C-n257F  CA\_n78C-n257G  CA\_n78C-n257H  CA\_n78C-n257I  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78C\_BCS1 |  | |
|  |  | n257 | CA\_n257I |  | |
| CA\_n40B-n78C-n257J | CA\_n40B  CA\_n78C  CA\_n78C-n257A  CA\_n78C-n257D  CA\_n78C-n257E  CA\_n78C-n257F  CA\_n78C-n257G  CA\_n78C-n257H  CA\_n78C-n257I  CA\_n78C-N257J  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78C\_BCS1 |  | |
|  |  | n257 | CA\_n257J |  | |
| CA\_n40B-n78C-n257K | CA\_n40B  CA\_n78C  CA\_n78C-n257A  CA\_n78C-n257D  CA\_n78C-n257E  CA\_n78C-n257F  CA\_n78C-n257G  CA\_n78C-n257H  CA\_n78C-n257I  CA\_n78C-n257J  CA\_n78C-n257K  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J  CA\_n40B-n257K | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78C\_BCS1 |  | |
|  |  | n257 | CA\_n257K |  | |
| CA\_n40B-n78C-n257L | CA\_n40B  CA\_n78C  CA\_n78C-n257A  CA\_n78C-n257D  CA\_n78C-n257E  CA\_n78C-n257F  CA\_n78C-n257G  CA\_n78C-n257H  CA\_n78C-n257I  CA\_n78C-n257J  CA\_n78C-n257K  CA\_n78C-n257L  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J  CA\_n40B-n257K  CA\_n40B-n257L | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78C\_BCS1 |  | |
|  |  | n257 | CA\_n257L |  | |
| CA\_n40B-n78C-n257M | CA\_n40B  CA\_n78C  CA\_n78C-n257A  CA\_n78C-n257D  CA\_n78C-n257E  CA\_n78C-n257F  CA\_n78C-n257G  CA\_n78C-n257H  CA\_n78C-n257I  CA\_n78C-n257J  CA\_n78C-n257K  CA\_n78C-n257L  CA\_n78C-n257M  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J  CA\_n40B-n257K  CA\_n40B-n257L  CA\_n40B-n257M | n40 | CA\_n40B\_BCS1 | 0 | |
|  |  | n78 | CA\_n78C\_BCS1 |  | |
|  |  | n257 | CA\_n257M |  | |
| CA\_n40A-n78A-n258A | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 100 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 90, 100 |  |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n40A-n78A-n258D | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258D |  |
| CA\_n40A-n78A-n258E | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258E |  |
| CA\_n40A-n78A-n258F | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258F |  |
| CA\_n40A-n78A-n258G | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258G |  |
| CA\_n40A-n78A-n258H | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258H |  |
| CA\_n40A-n78A-n258I | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258I |  |
| CA\_n40A-n78A-n258J | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258J |  |
| CA\_n40A-n78A-n258K | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258K |  |
| CA\_n40A-n78A-n258L | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258L |  |
| CA\_n40A-n78A-n258M | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258M |  |
| CA\_n41A-n66A-n260A | CA\_n41A-n260A  CA\_n66A-n260A | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n41A-n66A-n260(2A) | CA\_n41A-n260A  CA\_n66A-n260A | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260(2A) |  |
| CA\_n41A-n66A-n260G | CA\_n41A-n260A  CA\_n41A-n260G  CA\_n66A-n260A  CA\_n66A-n260G | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n41A-n66A-n260H | CA\_n41A-n260A  CA\_n41A-n260G  CA\_n41A-n260H  CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n41A-n66A-n260I | CA\_n41A-n260A  CA\_n41A-n260G  CA\_n41A-n260H  CA\_n41A-n260I  CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n41A-n77A-n257A | CA\_n41A-n77A  CA\_n41A-n257A  CA\_n77A-n257A | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n41A-n77A-n257G | CA\_n41A-n77A  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n77A-n257A  CA\_n77A-n257G | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n41A-n77A-n257H | CA\_n41A-n77A  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n41A-n77A-n257I | CA\_n41A-n77A  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H  CA\_n41A-n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n41A-n78A-n257A | - | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200**,** 400 |  |
| CA\_n41A-n78A-n257G | - | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n41A-n78A-n257H | - | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n41A-n78A-n257I | - | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n41A-n79A-n258A | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n66A-n77A-n260A | CA\_n66A-n77A  CA\_n77A-n260A  CA\_n66A-n260A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n260 | 50, 100, 200, 400 |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n66A-n77A-n260G | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n66A-n260G  CA\_n77A-n260A  CA\_n77A-n260G | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260G |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n66A-n77A-n260H | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260H |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n66A-n77A-n260I | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n260 | CA\_n260I |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n66A-n77A-n260J | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n260 | CA\_n260J |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n66A-n77A-n260K | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n260 | CA\_n260K |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n66A-n77A-n260L | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n260 | CA\_n260L |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n66A-n77A-n260M | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n260 | CA\_n260M |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n66A-n77(2A)-n260A | CA\_n66A-n77  CA\_n66A-n260A  CA\_n77(2A)  CA\_n77-n260A | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n66A-n77(2A)-n260M | CA\_n66A-n260M, CA\_n77(2A), CA\_n77-n260M, CA\_n66A-n77 | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n66A-n77A-n261A | CA\_n77A-n261A  CA\_n66A-n261A | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n261 | 50, 100, 200, 400 |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n66A-n77A-n261G | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n77A-n261A  CA\_n77A-n261G | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n261 | CA\_n261G |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261G |  |
| CA\_n66A-n77A-n261H | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n261 | CA\_n261H |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261H |  |
| CA\_n66A-n77A-n261I | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n261 | CA\_n261I |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261I |  |
| CA\_n66A-n77A-n261J | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n261 | CA\_n261J |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261J |  |
| CA\_n66A-n77A-n261K | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n261 | CA\_n261K |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261K |  |
| CA\_n66A-n77A-n261L | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n261 | CA\_n261L |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261L |  |
| CA\_n66A-n77A-n261M | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n261 | CA\_n261M |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261M |  |
| CA\_n77A-n79A-n257A | CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n77A-n79A-n257G | CA\_n257G  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n77A-n79A-n257H | CA\_n257G  CA\_n257H  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n77A-n79A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n77(2A)-n79A-n257A | CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n77 | CA\_n77(2A) | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n77(2A)-n79A-n257G | CA\_n257G  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n77 | CA\_n77(2A) | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n77(2A)-n79A-n257H | CA\_n257G  CA\_n257H  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n77 | CA\_n77(2A) | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n77(2A)-n79A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n77 | CA\_n77(2A) | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n78A-n79A-n257A | CA\_n78A-n79A  CA\_n78A-n257A  CA\_n79A-n257A | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n78A-n79A-n257G | CA\_n257G  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n78A-n79A-n257H | CA\_n257G  CA\_n257H  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n78A-n79A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| NOTE 1: The SCS of each channel bandwidth for NR FR1 and NR FR2 band refers to Table 5.3.5-1 of TS 38.101-1 and TS 38.101-2 respectively.  NOTE 2: The CA configurations are given in Table 5.5A.1-1 of either TS 38.101-1 or TS 38.101-2 where unless otherwise stated BCS0 is referred to. | | | | |

Table 5.5A.1-3: Inter-band CA configurations and bandwidth combination sets between FR1 and FR2 (four bands)

| **NR CA configuration** | **Uplink configuration** | **NR Band** | **Channel bandwidth (MHz) (NOTE 1)** | | | | | | | | | | | | | | | **Bandwidth combination set** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **5** | **10** | **15** | **20** | **25** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **200** | **400** |  |
| CA\_n1A-n3A-n8A-n257A | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n1A-n3A-n8A-n257G | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n8A-n257H | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n8A-n257I | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n8A-n257J | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n257 | CA\_n257J | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n8A-n257K | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n257 | CA\_n257K | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n8A-n257L | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n257 | CA\_n257L | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n8A-n257M | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n257 | CA\_n257M | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n28A-n257A | CA\_n1A-n3A  CA\_n1A-n28A  CA\_n1A-n257A  CA\_n3A-n28A  CA\_n3A-n257A  CA\_n28A-n257A | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
| n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |
| n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |
| n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |
| CA\_n1A-n3A-n28A-n257G | CA\_n1A-n3A  CA\_n1A-n28A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n3A-n28A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n28A-n257A  CA\_n28A-n257G | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
| n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |
| n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |
| n257 | CA\_257G | | | | | | | | | | | | | | |
| CA\_n1A-n3A-n28A-n257H | CA\_n1A-n3A  CA\_n1A-n28A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n3A-n28A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
| n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |
| n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |
| n257 | CA\_n257H | | | | | | | | | | | | | | |
| CA\_n1A-n3A-n28A-n257I | CA\_n1A-n3A  CA\_n1A-n28A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n3A-n28A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257i  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
| n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |
| n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |
| n257 | CA\_n257I | | | | | | | | | | | | | | |
| CA\_n1A-n3A-n77A-n257A | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n1A-n3A-n77A-n257G | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n77A-n257H | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n77A-n257I | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n77A-n257J | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257J | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n77A-n257K | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257K | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n77A-n257L | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257L | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n77A-n257M | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257M | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n77(2A)-n257A | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n1A-n3A-n77(2A)-n257G | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n77(2A)-n257H | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n77(2A)-n257I | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n77(2A)-n257J | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257J | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n77(2A)-n257K | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257K | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n77(2A)-n257L | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257L | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n77(2A)-n257M | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257M | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n79A-n257A | CA\_n1A-n3A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n79A-n257A | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
| n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |
| n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |
| n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |
| CA\_n1A-n3A-n79A-n257G | CA\_n1A-n3A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
| n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |
| n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |
| n257 | CA\_n257G | | | | | | | | | | | | | | |
| CA\_n1A-n3A-n79A-n257H | CA\_n1A-n3A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
| n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |
| n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |
| n257 | CA\_n257H | | | | | | | | | | | | | | |
| CA\_n1A-n3A-n79A-n257I | CA\_n1A-n3A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
| n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |
| n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |
| n257 | CA\_n257I | | | | | | | | | | | | | | |
| CA\_n1A-n8A-n77A-n257A | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n1A-n8A-n77A-n257G | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n1A-n8A-n77A-n257H | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n1A-n8A-n77A-n257I | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| CA\_n1A-n8A-n77A-n257J | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257J | | | | | | | | | | | | | | |  |
| CA\_n1A-n8A-n77A-n257K | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257K | | | | | | | | | | | | | | |  |
| CA\_n1A-n8A-n77A-n257L | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257L | | | | | | | | | | | | | | |  |
| CA\_n1A-n8A-n77A-n257M | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257M | | | | | | | | | | | | | | |  |
| CA\_n1A-n8A-n77(2A)-n257A | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n1A-n8A-n77(2A)-n257G | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n1A-n8A-n77(2A)-n257H | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n1A-n8A-n77(2A)-n257I | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| CA\_n1A-n8A-n77(2A)-n257J | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257J | | | | | | | | | | | | | | |  |
| CA\_n1A-n8A-n77(2A)-n257K | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257K | | | | | | | | | | | | | | |  |
| CA\_n1A-n8A-n77(2A)-n257L | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257L | | | | | | | | | | | | | | |  |
| CA\_n1A-n8A-n77(2A)-n257M | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257M | | | | | | | | | | | | | | |  |
| CA\_n1A-n28A-n77A-n257A | CA\_n1A-n28A  CA\_n1A-n77A  CA\_n1A-n257A  CA\_n28A-n77A  CA\_n28A-n257A  CA\_n77A-n257A | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
| n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |
| n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |
| n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |
| CA\_n1A-n28A-n77A-n257G | CA\_n1A-n28A  CA\_n1A-n77A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n77A-n257A  CA\_n77A-n257G | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
| n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |
| n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |
| n257 | CA\_n257G | | | | | | | | | | | | | | |
| CA\_n1A-n28A-n77A-n257H | CA\_n1A-n28A  CA\_n1A-n77A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
| n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |
| n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |
| n257 | CA\_n257H | | | | | | | | | | | | | | |
| CA\_n1A-n28A-n77A-n257I | CA\_n1A-n28A  CA\_n1A-n77A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
| n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |
| n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |
| n257 | CA\_n257I | | | | | | | | | | | | | | |
| CA\_n1A-n28A-n79A-n257A | CA\_n1A-n28A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n79A-n257A | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
| n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |
| n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |
| n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |
| CA\_n1A-n28A-n79A-n257G | CA\_n1A-n28A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
| n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |
| n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |
| n257 | CA\_n257G | | | | | | | | | | | | | | |
| CA\_n1A-n28A-n79A-n257H | CA\_n1A-n28A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
| n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |
| n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |
| n257 | CA\_n257H | | | | | | | | | | | | | | |
| CA\_n1A-n28A-n79A-n257I | CA\_n1A-n28A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
| n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |
| n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |
| n257 | CA\_n257I | | | | | | | | | | | | | | |
| CA\_n1A-n77A-n79A-n257A | CA\_n1A-n77A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n77 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n1A-n77A-n79A-n257G | CA\_n1A-n77A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n79A-n257A  CA\_n79A-n257G CA\_n257G | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n77 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n1A-n77A-n79A-n257H | CA\_n1A-n77A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H CA\_n257G CA\_n257H | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n77 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n1A-n77A-n79A-n257I | CA\_n1A-n77A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I  CA\_n257G CA\_n257H CA\_n257I | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n77 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| CA\_n1A-n78A-n79A-n257A | CA\_n1A-n78A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n79A-n257A | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n1A-n78A-n79A-n257G | CA\_n1A-n78A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n79A-n257A  CA\_n79A-n257G CA\_n257G | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n1A-n78A-n79A-n257H | CA\_n1A-n78A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H CA\_n257G CA\_n257H | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n1A-n78A-n79A-n257I | CA\_n1A-n78A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I CA\_n257G CA\_n257H CA\_n257I | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| CA\_n3A-n7A-n78A-n258A | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |
| CA\_n3A-n7A-n78A-n258B | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258B | | | | | | | | | | | | | | |
| CA\_n3A-n7A-n78A-n258C | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258C | | | | | | | | | | | | | | |
| CA\_n3A-n7A-n78A-n258D | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258D | | | | | | | | | | | | | | |
| CA\_n3A-n7A-n78A-n258E | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258E | | | | | | | | | | | | | | |
| CA\_n3A-n7A-n78A-n258F | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258F | | | | | | | | | | | | | | |
| CA\_n3A-n7A-n78A-n258G | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258G | | | | | | | | | | | | | | |
| CA\_n3A-n7A-n78A-n258H | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258H | | | | | | | | | | | | | | |
| CA\_n3A-n7A-n78A-n258I | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258I | | | | | | | | | | | | | | |
| CA\_n3A-n7A-n78A-n258J | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258J | | | | | | | | | | | | | | |
| CA\_n3A-n7A-n78A-n258K | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258K | | | | | | | | | | | | | | |
| CA\_n3A-n7A-n78A-n258L | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258L | | | | | | | | | | | | | | |
| CA\_n3A-n7A-n78A-n258M | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258M | | | | | | | | | | | | | | |
| CA\_n3A-n7B-n78A-n258A | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | CA\_n7B | | | | | | | | | | | | | | |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |
| CA\_n3A-n7B-n78A-n258B | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | CA\_n7B | | | | | | | | | | | | | | |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258B | | | | | | | | | | | | | | |
| CA\_n3A-n7B-n78A-n258C | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | CA\_n7B | | | | | | | | | | | | | | |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258C | | | | | | | | | | | | | | |
| CA\_n3A-n7B-n78A-n258D | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | CA\_n7B | | | | | | | | | | | | | | |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258D | | | | | | | | | | | | | | |
| CA\_n3A-n7B-n78A-n258E | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | CA\_n7B | | | | | | | | | | | | | | |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258E | | | | | | | | | | | | | | |
| CA\_n3A-n7B-n78A-n258F | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | CA\_n7B | | | | | | | | | | | | | | |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258F | | | | | | | | | | | | | | |
| CA\_n3A-n7B-n78A-n258G | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | CA\_n7B | | | | | | | | | | | | | | |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258G | | | | | | | | | | | | | | |
| CA\_n3A-n7B-n78A-n258H | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | CA\_n7B | | | | | | | | | | | | | | |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258H | | | | | | | | | | | | | | |
| CA\_n3A-n7B-n78A-n258I | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | CA\_n7B | | | | | | | | | | | | | | |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258I | | | | | | | | | | | | | | |
| CA\_n3A-n7B-n78A-n258J | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | CA\_n7B | | | | | | | | | | | | | | |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258J | | | | | | | | | | | | | | |
| CA\_n3A-n7B-n78A-n258K | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | CA\_n7B | | | | | | | | | | | | | | |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258K | | | | | | | | | | | | | | |
| CA\_n3A-n7B-n78A-n258L | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | CA\_n7B | | | | | | | | | | | | | | |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258L | | | | | | | | | | | | | | |
| CA\_n3A-n7B-n78A-n258M | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |  |  |  |  |  |  |  | 0 |
| n7 | CA\_n7B | | | | | | | | | | | | | | |
| n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n258 | CA\_n258M | | | | | | | | | | | | | | |
| CA\_n3A-n8A-n77A-n257A | - | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n3A-n8A-n77A-n257G | - | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n3A-n8A-n77A-n257H | - | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n3A-n8A-n77A-n257I | - | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| CA\_n3A-n8A-n77A-n257J | - | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257J | | | | | | | | | | | | | | |  |
| CA\_n3A-n8A-n77A-n257K | - | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257K | | | | | | | | | | | | | | |  |
| CA\_n3A-n8A-n77A-n257L | - | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257L | | | | | | | | | | | | | | |  |
| CA\_n3A-n8A-n77A-n257M | - | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257M | | | | | | | | | | | | | | |  |
| CA\_n3A-n8A-n77(2A)-n257A | - | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n3A-n8A-n77(2A)-n257G | - | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n3A-n8A-n77(2A)-n257H | - | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n3A-n8A-n77(2A)-n257I | - | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| CA\_n3A-n8A-n77(2A)-n257J | - | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257J | | | | | | | | | | | | | | |  |
| CA\_n3A-n8A-n77(2A)-n257K | - | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257K | | | | | | | | | | | | | | |  |
| CA\_n3A-n8A-n77(2A)-n257L | - | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257L | | | | | | | | | | | | | | |  |
| CA\_n3A-n8A-n77(2A)-n257M | - | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257M | | | | | | | | | | | | | | |  |
| CA\_n3A-n28A-n41A-n257A | CA\_n3A-n28A  CA\_n3A-n41A  CA\_n3A-n257A  CA\_n28A-n41A  CA\_n28A-n257A  CA\_n41A-n257A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 |  |  |  |  |  |  |  |  | 0 |
| n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |
| n41 |  | 10 | 15 | 20 |  | 30 | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |
| n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |
| CA\_n3A-n28A-n41A-n257G | CA\_n3A-n28A  CA\_n3A-n41A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n28A-n41A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n41A-n257A  CA\_n41A-n257G | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 |  |  |  |  |  |  |  |  | 0 |
| n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |
| n41 |  | 10 | 15 | 20 |  | 30 | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |
| n257 | CA\_n257G | | | | | | | | | | | | | | |
| CA\_n3A-n28A-n41A-n257H | CA\_n3A-n28A  CA\_n3A-n41A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n28A-n41A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 |  |  |  |  |  |  |  |  | 0 |
| n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |
| n41 |  | 10 | 15 | 20 |  | 30 | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |
| n257 | CA\_n257H | | | | | | | | | | | | | | |
| CA\_n3A-n28A-n41A-n257I | CA\_n3A-n28A  CA\_n3A-n41A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n28A-n41A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H  CA\_n41A-n257I | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 |  |  |  |  |  |  |  |  | 0 |
| n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |
| n41 |  | 10 | 15 | 20 |  | 30 | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |
| n257 | CA\_n257I | | | | | | | | | | | | | | |
| CA\_n3A-n28A-n77A-n257A | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n28A-n77A  CA\_n3A-n257A  CA\_n28A-n257A  CA\_n77A-n257A | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n3A-n28A-n77A-n257D | - | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257D | | | | | | | | | | | | | | |  |
| CA\_n3A-n28A-n77A-n257G | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n28A-n77A  CA\_n3A-n257A  CA\_n28A-n257A  CA\_n77A-n257A  CA\_n3A-n257G  CA\_n28A-n257G  CA\_n77A-n257G | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n3A-n28A-n77A-n257H | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n28A-n77A  CA\_n3A-n257A  CA\_n28A-n257A  CA\_n77A-n257A  CA\_n3A-n257G  CA\_n28A-n257G  CA\_n77A-n257G  CA\_n3A-n257H  CA\_n28A-n257H  CA\_n77A-n257H | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n3A-n28A-n77A-n257I | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n28A-n77A  CA\_n3A-n257A  CA\_n28A-n257A  CA\_n77A-n257A  CA\_n3A-n257G  CA\_n28A-n257G  CA\_n77A-n257G  CA\_n3A-n257H  CA\_n28A-n257H  CA\_n77A-n257H  CA\_n3A-n257I  CA\_n28A-n257I  CA\_n77A-n257I | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| CA\_n3A-n28A-n77(2A)-n257A | CA\_n3A-n257A  CA\_n28A-n257A  CA\_n77A-n257A | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n3A-n28A-n77(2A)-n257D | - | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257D | | | | | | | | | | | | | | |  |
| CA\_n3A-n28A-n77(2A)-n257G | CA\_n3A-n257A  CA\_n28A-n257A  CA\_n77A-n257A  CA\_n3A-n257G  CA\_n28A-n257G  CA\_n77A-n257G | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n3A-n28A-n77(2A)-n257H | CA\_n3A-n257A  CA\_n28A-n257A  CA\_n77A-n257A  CA\_n3A-n257G  CA\_n28A-n257G  CA\_n77A-n257G  CA\_n3A-n257H  CA\_n28A-n257H  CA\_n77A-n257H | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n3A-n28A-n77(2A)-n257I | CA\_n3A-n257A  CA\_n28A-n257A  CA\_n77A-n257A  CA\_n3A-n257G  CA\_n28A-n257G  CA\_n77A-n257G  CA\_n3A-n257H  CA\_n28A-n257H  CA\_n77A-n257H  CA\_n3A-n257I  CA\_n28A-n257I  CA\_n77A-n257I | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| CA\_n3A-n28A-n78A-n257A | CA\_n28A-n257A  CA\_n78A-n257A | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n78 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n3A-n28A-n78A-n257D | - | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n78 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257D | | | | | | | | | | | | | | |  |
| CA\_n3A-n28A-n78A-n257G | CA\_n3A-n257A  CA\_n28A-n257A  CA\_n78A-n257A  CA\_n3A-n257G  CA\_n28A-n257G  CA\_n78A-n257G | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n78 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n3A-n28A-n78A-n257H | CA\_n3A-n257A  CA\_n28A-n257A  CA\_n78A-n257A  CA\_n3A-n257G  CA\_n28A-n257G  CA\_n78A-n257G  CA\_n3A-n257H  CA\_n28A-n257H  CA\_n78A-n257H | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n78 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n3A-n28A-n78A-n257I | CA\_n3A-n257A  CA\_n28A-n257A  CA\_n78A-n257A  CA\_n3A-n257G  CA\_n28A-n257G  CA\_n78A-n257G  CA\_n3A-n257H  CA\_n28A-n257H  CA\_n78A-n257H  CA\_n3A-n257I  CA\_n28A-n257I  CA\_n78A-n257I | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n78 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| CA\_n3A-n28A-n79A-n257A | CA\_n3A-n28A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n79A-n257A | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 |  |  | 80 |  | 100 |  |  |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n3A-n28A-n79A-n257G | CA\_n3A-n28A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 |  |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n3A-n28A-n79A-n257H | CA\_n3A-n28A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 |  |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n3A-n28A-n79A-n257I | CA\_n3A-n28A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 |  |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| CA\_n3A-n41A-n77A-n257A | CA\_n3A-n41A  CA\_n3A-n77A  CA\_n3A-n257A  CA\_n41A-n77A  CA\_n41A-n257A  CA\_n77A-n257A | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 |  |  |  |  |  |  |  |  | 0 |
| n41 |  | 10 | 15 | 20 |  | 30 | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |
| n77 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |
| CA\_n3A-n41A-n77A-n257G | CA\_n3A-n41A  CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n41A-n77A  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n77A-n257A  CA\_n77A-n257G | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 |  |  |  |  |  |  |  |  | 0 |
| n41 |  | 10 | 15 | 20 |  | 30 | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |
| n77 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n257 | CA\_n257G | | | | | | | | | | | | | | |
| CA\_n3A-n41A-n77A-n257H | CA\_n3A-n41A  CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n41A-n77A  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 |  |  |  |  |  |  |  |  | 0 |
| n41 |  | 10 | 15 | 20 |  | 30 | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |
| n77 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n257 | CA\_n257H | | | | | | | | | | | | | | |
| CA\_n3A-n41A-n77A-n257I | CA\_n3A-n41A  CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n41A-n77A  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H  CA\_n41A-n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n3 | 5 | 10 | 15 | 20 | 25 | 30 | 40 |  |  |  |  |  |  |  |  | 0 |
| n41 |  | 10 | 15 | 20 |  | 30 | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |
| n77 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |
| n257 | CA\_n257I | | | | | | | | | | | | | | |
| CA\_n3A-n77A-n79A-n257A | CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n3A-n77A-n79A-n257G | CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n3A-n77A-n79A-n257H | CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n3A-n77A-n79A-n257I | CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| CA\_n3A-n77(2A)-n79A-n257A | CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n3A-n77(2A)-n79A-n257G | CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n3A-n77(2A)-n79A-n257H | CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n3A-n77(2A)-n79A-n257I | CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| CA\_n28A-n41A-n77A-n257A | CA\_n28A-n41A  CA\_n28A-n77A  CA\_n28A-n257A  CA\_n41A-n77A  CA\_n41A-n257A  CA\_n77A-n257A | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
| n41 |  | 10 | 15 | 20 |  | 30 | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |
| n77 |  | 10 | 15 | 20 |  | 30 | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |
| n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |
| CA\_n28A-n41A-n77A-n257G | CA\_n28A-n41A  CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n41A-n77A  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n77A-n257A  CA\_n77A-n257G | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
| n41 |  | 10 | 15 | 20 |  | 30 | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |
| n77 |  | 10 | 15 | 20 |  | 30 | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |
| n257 | CA\_n257G | | | | | | | | | | | | | | |
| CA\_n28A-n77A-n79A-n257A | CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 |  |  | 80 |  | 100 |  |  |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n28A-n77A-n79A-n257G | CA\_n257G  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 |  |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n28A-n77A-n79A-n257H | CA\_n257G  CA\_n257H  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 |  |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n28A-n77A-n79A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 |  |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| CA\_n28A-n77(2A)-n79A-n257A | CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 |  |  | 80 |  | 100 |  |  |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n28A-n77(2A)-n79A-n257G | CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 |  |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n28A-n77(2A)-n79A-n257H | CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 |  |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n28A-n77(2A)-n79A-n257I | CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n77 | CA\_n77(2A) | | | | | | | | | | | | | | |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 |  |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| CA\_n28A-n78A-n79A-n257A | CA\_n28A-n78A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n79A-n257A | n28 | 5 | 10 | 15 |  |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n257 |  |  |  |  |  |  |  |  |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n28A-n78A-n79A-n257G | CA\_n28A-n78A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n28 | 5 | 10 | 15 |  |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n28A-n78A-n79A-n257H | CA\_n28A-n78A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n28 | 5 | 10 | 15 |  |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n28A-n78A-n79A-n257I | CA\_n28A-n78A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n28 | 5 | 10 | 15 |  |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n78 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 | 60 |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| NOTE 1: The SCS of each channel bandwidth for NR FR1 and NR FR2 band refers to Table 5.3.5-1 of TS 38.101-1 and TS 38.101-2 respectively.  NOTE 2: The CA configurations are given in Table 5.5A.1-1 of either TS 38.101-1 or TS 38.101-2 where unless otherwise stated BCS0 is referred to. | | | | | | | | | | | | | | | | | | |

Table 5.5A.1-4: Inter-band CA configurations and bandwidth combination sets between FR1 and FR2 (five bands)

| NR CA configuration | Uplink configuration | NR Band | Channel bandwidth (MHz) (NOTE 1) | | | | | | | | | | | | | | | Bandwidth combination set |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 200 | 400 |  |
| CA\_n1A-n3A-n8A-n77A-n257A | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n1A-n3A-n8A-n77A-n257G | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n8A-n77A-n257H | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n8A-n77A-n257I | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n8A-n77A-n257J | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257J | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n8A-n77A-n257K | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257K | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n8A-n77A-n257L | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257L | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n8A-n77A-n257M | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |  |  |  |
|  |  | n257 | CA\_n257M | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257A | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 | | | | | | | | | | | | | | |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257G | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257H | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257I | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257J | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257J | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257K | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257K | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257L | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257L | | | | | | | | | | | | | | |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257M | - | n1 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  |  | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n8 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 | | | | | | | | | | | | | | |  |
|  |  | n257 | CA\_n257M | | | | | | | | | | | | | | |  |
|  | CA\_n3A-n28A  CA\_n3A-n77A | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  | CA\_n3A-n79A  CA\_n3A-n257A  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
| CA\_n3A-n28A-n77A-n79A-n257A |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  | 0 |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 |  |  | 80 |  | 100 |  |  |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n3A-n28A-n77A-n79A-n257G | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  | 0 |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 |  |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n3A-n28A-n77A-n79A-n257H | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  | 0 |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 |  |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n3A-n28A-n77A-n79A-n257I | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  | 0 |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 |  |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
| CA\_n3A-n28A-n77(2A)-n79A-n257A | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  | 0 |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 |  |  | 80 |  | 100 |  |  |  |
|  |  | n257 |  |  |  |  |  |  |  | 50 |  |  |  |  | 100 | 200 | 400 |  |
| CA\_n3A-n28A-n77(2A)-n79A-n257G | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  | 0 |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 |  |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257G | | | | | | | | | | | | | | |  |
| CA\_n3A-n28A-n77(2A)-n79A-n257H | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  | 0 |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 |  |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257H | | | | | | | | | | | | | | |  |
| CA\_n3A-n28A-n77(2A)-n79A-n257I | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n3 | 5 | 10 | 15 | 20 | 25 | 30 |  |  |  |  |  |  |  |  |  |  |
|  |  | n28 | 5 | 10 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | n77 |  | 10 | 15 | 20 |  |  | 40 | 50 | 60 |  | 80 | 90 | 100 |  |  | 0 |
|  |  | n79 |  |  |  |  |  |  | 40 | 50 |  |  | 80 |  | 100 |  |  |  |
|  |  | n257 | CA\_n257I | | | | | | | | | | | | | | |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NOTE 1: The SCS of each channel bandwidth for NR FR1 and NR FR2 band refers to Table 5.3.5-1 of TS 38.101-1 and TS 38.101-2 respectively. | | | | | | | | | | | | | | | | | | |